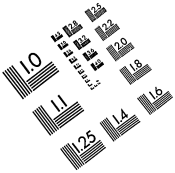

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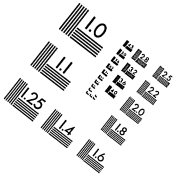

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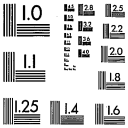

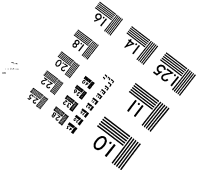

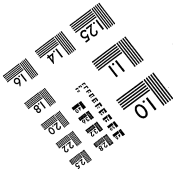

Thomas A. Edison Papers

A SELECTIVE MICROFILM EDITION

PART I
(1850–1878)

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1878. Edison, T.A. - General (D-78-002)

[CONTINUED FROM THE PRECEDING REEL]

Dr Geo Fowler

Brkln Sept 5/78

OFFICE OF

Removed to 457 Manor Ave.
Near De Kalb.
Office Hours—8 to 9 A. M., and
4 to 5 P. P.

Geo. R. Fowler, M.D.

1823 Myrtle Avenue.

Office Hours
8 to 9 A.M.
2 to 4 P.M.
7 to 8 P.M.

Brooklyn Sept 1st 1878

Mr Thomas A. Edison—
Dear Sir—

There has recently come under our care a case of a peculiarly distressing nature in the person of a Mr Coburn, living at present in the tenement No. 161 Harrison Ave, this city, I address you on his behalf, he having informed me that he was at one time in your employ, and that you had upon a former occasion generously befriended him. Some time since he had the misfortune to injure

the elbow joint and through improper care and a system impoverished by want of the necessaries of life, an inflammation occurred which resulted in the destruction of the joint, rendering a resection of that part of the arm imperative. I have arranged to do the operation free gratis for him, but at the urgent solicitation of his wife I am induced to lay the case before you and ask your aid in furnishing for him the requisite nourishment ~~during his convalescence~~.

Respectfully yours
Geo. R. Fowler
Surgeon to the Bushwick and East Brooklyn Dispensary.

T. A. EDISON.

/

T. A. Edison

Menlo Park, N. J., Sept 22 1878

James Merrihew
Supt Phila

A number of messages were sent to me at Rankins from here signed Batchelor Please notify Manager here to make them free

T. A. Edison

22 DH

7th Q. Dtr

Brookfield Center, Ct. Sept. 2, '10

My dear Edison:—

I reached Philadelphia on Friday afternoon having left St. Louis Wednesday evening. I tried to call you from the University but my wire was grounded somewhere down town & I couldn't. I hope you had a pleasant journey on and are all right now. Various were the enquiries for you at St. Louis after you left. I presented as

well as I was able the question of the microphone for you. I am greatly indebted to you for this Western trip. Please find inclosed my check on Phila. for $100 to balance accounts.

I write to say that I have arranged the trip to Ardmore that we spoke of, for Sunday next. You to leave the Grand Central Depot at 4.30 P.M. on Saturday with Prof. Chandler, I will meet you in Ardmore & Mr. Wallace will show us all sorts of nice things. Please let me know if this suits you, as I return to Phila. next week is suits me best.

Will send your things when I return to P. With best wishes I am in haste

Yours truly George F. Barker.

THE DIRECT U.S. CABLE CO.
9 SEP 1878
NEW YORK.

Friend Edison.

Have sent yours cable to Gouraud. I am leaving tomorrow afternoon for Rye Beach & Canada & shall be absent several days.

If you don't call tomorrow hope to see you on my return.

Very truly yrs.
Geo J Ward

The Central District and Printing Telegraph Co.

OFFICE, FIRST NATIONAL BANK BUILDING,

Corner of Fifth Avenue and Wood Street.

Pittsburgh, Sept 3rd 1878

Thos A. Edison Esq
Menlo Park N.J.

Dear Sir -

The party to whom I spoke about selling the stock of this in two and had a favorable opportunity, now can't buy it when they will - In view of this I think you had better look to some other quarter for the introduction -

In behalf of - well I should judge 20 partially deaf persons who asked and the question - are you working out an instrument that will enable one hard of hearing getting ordinary conversation or to any extent improving the hearing -

Yours.

E.M.A. David

T. A. EDISON. / 3:20 P.M.

Menlo Park, N. J., Sept 3d 1878

Virginia Nev 3
T. A. Edison
Sierra Nevada mine opens up
big stock ninety dollars per
share Shae sends
Compliments
Graf

14 DH
No 4

T. A. EDISON. / 10:20 AM

Menlo Park, N. J., Sept 4 1878

New York 4
T A Edison Mpark

Will number thirty six wire
answer for resistance coils
If not what size shall we
use

Wm Hunter

16 full rate

O. G. McCALL, President. E. GOVE, Treasurer. T. H. BOARDMAN, Secretary.

OFFICE OF

THE McCALL MANUFACTURING CO.,

CAPITAL STOCK, $100,000.

Manufacturers of

Rhind's Pat't Kerosene Lamps, and Pat't Combination Flame-Spreader and Extinguisher Burner,

76 WARREN STREET,

Thos A Edison Esq. New York Sept 4th 1878

Dear Sir

Has arrived on the engine or motor for the lamp. I am quite anxious regarding it and my patents. If a speedy financial success ~~regarding~~ if you can accomplish the result desired May I hear from you soon

Respt Yrs

O. G. McCall

J. C. REIFF,

52 BROADWAY,

New York, Sept 4th 1878

A monopoly in brains is the latest sensation." It is reported that the Western Union Telegraph Company has made a contract with Mr. Thomas A. Edison, by which the latter will convey to the company all his telegraphic inventions in consideration of receiving $6,000 a year for thirty-four years.

My dear Edison The inclosed is from the American Exchange - It's also in other papers - What is the statement based?

I have been sick or should have been out.

Please advise me when you are next in town, and I can see you in case I cannot get to Menlo.

Have you seen the Electric light burning during the day in basement Hall of Equitable Building?

From an Amateur Chemist not interested in Telegraphy in any way, I hear that Camphor produces better Carbon than Kerosene.

Have you tried it?

Yr

J C Reiff

P.S. The box of fruit for Mrs E is awaiting your man

New York Sept 21/78

My Dear Edison

Our Kurtz Gallery enterprize is going to prove a success if I can get some more of your things on the boards speedily. Further it is going to be the nucleus of Redfield's Tour scheme. It will be a practical school & organizing Head Quarters for properly shaping your various inventions for Exhibition. In view of this it will be a good thing for you. And again I will agree to pay you 10% of the profits at Kurtz. And will energetically enter the field as not only a clear and practical Exponent of your discoveries and inventions, but will champion your priority rights and personal character for fair dealing. I am going to give a grand Exhibition for the benefit of the Yellow fever sufferers, and will address a letter to Mayor Ely as soon as I can get 2 or 3 more of your things in - asking him to appoint a man to take the tickets - and informing him that you join me in this Contribution - It will be a big

Card for both of us. What I want you to do is to help me all in your power to get the thing under way.
1st Loan me a complete Tasimeter Outfit until I can get one made - I have failed to borrow Ord Bergman cannot make without a model.
2nd Obtain from the Western Union the privilege of Exhibiting the Carbon Telephone - with a set of Instruments. They hesitate to grant it to me on the ground of my Connection with Bell Tel Co. You can get that to rest, by a personal application for me as your Agent. You know Dr Ott's practice.
3rd Supply me with the necessary data for setting forth your priority claims on rights that I shall specially advertise as "Microphone" or Telephone" rights.
Also nudge a Newspaper man as opportunity may offer - to notice my progress.
Join me in this and before Oct 1st You will see New York aglow with the Edison Museum. It only requires a slight effort to set the Ball rolling
Answer promptly Yours Johnson

For anything in the way of Books, Stationery, Engraving and Printing, call on P. Farrell's Sons, 65 Fifth Avenue, New York. Catalogues supplied. Correspondence solicited.

[September 4]

Dear Sir

I have sent you an ounce of Uranine by Mehuchen as you direct. I can get you any quantity. It costs only 7.50 per lb. wholesale.

Yours &c.

E. Morton.

62 lb
per 15

E & H T Anthony & Co
Photographic Materials.
591 Broadway, New York.

Sept 5th 78

Dear Sir,

In response to your favor we forward by this mail, a copy of our Price List, and await your further favors regarding same.

Yours Very Truly

E & H.T. Anthony & Co

Parker

T. A. Edison Esq
Menlo Park
N. J.

PHRENOLOGICAL CABINET, 737 BROADWAY,

New York, 9/5 1878

We have owned your Series 5 years. Have found them delivered to you. Shall we find such and such [illegible] Miss Clark or would you like to have them in the City?

The N.Y. Times says:—"The Phrenological Journal, perhaps, is the surviving year of a periodical in no reason for its financing its enterprise or its diminishing its attractiveness of interesting features. If all magazines increased in merit in strength as this, it would seem to be time for an equal evolution of popularity."—*The N.Y. Tribune* says:—"The Phrenological Journal has its usual specimens of talented and cultivated men, which it presents to illustrate the practical philosophy of life with its lively exposition and fine pen-sketches of distinguished individuals."

Very truly yours,
S. R. WELLS & CO.,
Per _____

T. A. EDISON. 1

Menlo Park, N. J., Sept 5th 1878

John Beer
164 Bleeker St NY

Take the train leaving NY. about nine a m any day that suits you

T. A. Edison

1 Box

9 V S
9 Va

T. A. EDISON. 2 1V

Menlo Park, N. J., Sept 5 187

Menlo Park N J

Yours today undelivered John Beers 164 Bleeker St Cant find

Clark
N.Y.

Va. 9.

T. A. EDISON. 3 800

Menlo Park, N. J., Sept 5 1878

MS 0f50

Have delivered 150 Phonographs at
Yours 1 to Bevan (Thos) Edison
Clerk
NY

VESTIBULE GLASS,
GLASS SIGNS,
CAR & STEAMBOAT LIGHTS,
PANELS, CAPE LIGHTS, &c.,
Glass ground by the Box.

OFFICE OF

New York Sand Blast Works,

145 & 147 MULBERRY STREET,

SARGENT & BURGER, Proprietors.

ORNAMENTAL
GAS GLOBES,
KEROSENE GLOBES,
ADMANTS, SHADES,
SMOKE BELLS,
CHIMNEYS, &c.

New York, Sept 5th 1878.

Mr Thomas A Edison

Dear Sir

When I was at your place you spoke of having a milling-machine for cutting stencils - I think you said invented by you, is this in practical operation where it can be seen? & will it cut fine work & sharp corners. or will the corners need to be cut out afterwards. however if it is in operation or if you can direct me where I can see it & possibly make it worth my while I will be very much obliged

Yours Truly

Henry M. Law.

Would be pleased to hear from you at any time especially if you have anything new in our line.

The Central District and Printing Telegraph Co.

OFFICE, FIRST NATIONAL BANK BUILDING,

Corner of Fifth Avenue and Wood Street.

Pittsburgh, Sept. 6th 187 r

My dear Edison

Your circular letter of the ~~relative to the Megaphone~~ is received – I wish you would address me an autograph letter covering the same points, and saying that you will address me when it is ready, and of the price – I want to publish it –

Yours truly

J. M. Baird

The circular letter would seem too much like an advertisement, and I would like to accomplish ~~the same~~ good effect in the very beginning – I have, as I believe I have already told you, many inquiries, and I want to reach all by the mails, and other ways –

(Recd) Sept 7th
T. A. Edison Esq
Menlo Park
N.J.

33. Lafayette Place
N.Y. City, Sept 6th 1878.

Mr T. A. Edison
Menlo Park, N.J.
Dear Sir:

On the 31st of August, I directed a letter to you, to which no answer has been received. From this fact I am led to conclude that either you have been absent from home or some misunderstanding has arisen regarding the contents of my letter.

If you will be kind enough to specify some day and hour most suitable when it will be convenient for you to see me for a few moments at home

I shall be pleased to call on you at your laboratory at Menlo Park.

Trusting that you will favor me with as early a reply as convenient, I am

Very Respectfully Yours
W. LeConte Stevens.

T. A. EDISON. Copy

Original Rec'd Sept 10.78
I sent to Pucker accordt

Menlo Park, N. J., 187

Chicago, Sept 7.78

Thos A Edison

Dear Sir – I send you a Tribune of yesterday and today. Beckle writes quite fully in regard to Paris matters. He says Pucker has raised over 20 000 francs for exhibiting the phonograph in Paris. I suppose none of this has been sent over as none has been sent to me. He says Pucker is a high liver and that Bailey now has him under his thumb as he is advancing money from time to time to help him along in his family and other expenses.

Beckle thinks Pucker has tied up the phonograph and telephone so they can be sold. Beckle says Henry is backed by the managing director of the Bank of France and controls large amounts of money. Henry is bound to get the Carbon Telephone and recently went to Pucker and Bailey and offered to buy at 50,000 or get for Europe. Beckle thinks 80 000 or can be got out of the Concern. He and his friends get no satisfaction and Beckle thinks the fair thing is not being done by you. If what he says about the Capital of the Telephone forming is true there ought to be a handsome thing made out of the situation. I give the information for what it

is worth and yet it looks probable
Beetle is about to sail for this Country and has
found a strong party to back him in the pen
business. It is not Berry or Roosevelt.
He intends to make a cash offer when in
NY for the pen patents and will have
the funds in hand. That is what we want:

I shall be down in a week or less days
and will bring along the details of letters

Think we had better take it cool
and believe shall get a good result shortly

I am glad you are growing fat and
that the Wales Telephone & the Cuno-
Phone Exhibits run about the same

If withholding goods will bust me the
W.E.M Co are bound to do it
but the game won't win. The
pen business promises fair if
supplies can be obtained: I am going
to try and fix it some way so they can be

Reply

(Signed) Geo H Beis
Gen Mangr

Please address all correspondence to 63, *STRAND, W.C.*

ESTABLISHED 100 YEARS.

INTERNATIONAL EXHIBITION
PRIZE MEDAL.
1862.

JOHN BROWNING,
Optical and Physical Instrument Maker to Her Majesty's Government, The Royal Observatory, the Royal Society, and the Observatories of Cambridge, Utrecht, &c., &c.

63, STRAND.
London, W.C.

7 Sept. 1878

Dear Sir,

I cannot thank you sufficiently for your kindness in sending you a selection of course I shall value this exceedingly as the gift of the talented inventor whose skill is in every one's mouth. Thoughtful trouble I will do my best to procure copies of the instrument that shall be satisfactory in their performance, and this with your kind assistance in forwarding the barometers I hope I shall achieve. But on any instrument shall be expected Edison's Barometer made by John Browning.

Kindly understand that I should have been most willing to have paid you any price you may have asked for the instrument or for the tube which you kindly promise to forward, and that I should be glad to pay you a royalty on any instrument of

your I may manufacture, whether patented or not.

I will exhibit your telemeter at the houses of the principal scientific societies during the Winter months.

Believe me, Dear Sir,

Always yours faithfully & obliged,

John Browning

Prof. T. A. Edison

N.B. In a few days I hope to send for your kind acceptance a miniature microscope which offers many tricks. I have just patented. I trust it may be of some amusement to you. I know it will interest you as some of your friends.

Endorsed Sept 7, 78
John Browning
(America) Sept 19 78

N.Y. City
9-2-78

My Dear

I want to have you spend at least one day here examining into the megaphone to see if you can get rid of some of the troubles - I do not think it would be fair to let Rogers or anyone else but yourself perfect it - I don't know that they could - I believe you can - There is money in it if it is done - I have the best chance in the world here to do it - You might say

2

to Rogers then as soon as you can spare the magnet lines or give you our experiments you will let him try them —

I will be in city on Tuesday & Wednesday & hope to see you there —

Rogers on Phonograph too need recent to wash OK —

Have you got the microphone on within yet?

I made a proposition to Batch about a ink! If he has not told you ask him what it is!

Yr
W. Pavida

Ans'd Sept 12. 78
said would write again
in day or two &
hasn't appeared

Ans'd again Oct 14. 78
tell him to write
this time

40. Broadway,
New York, Sept 9 1878

T. A. Edison Esq
Menlo Park
N.J.

Dear Sir

I desire to meet you on a matter of big & desire to know when & where I can see you either in that city or at your home Menlo Park

Yours truly
E. B. Stanton

address as above

Innsbruck
119 Innstr. 3
10/9 1878.

Professor T. A. Edison
Menlo Park
N. J.

My dear Sir,

Reading the 'World' your Secretary has kindly forwarded to me, I see with pleasure that you have safely returned from the far West & are again busy at work in your laboratory. I fear you will get tired of my letters as you have no doubt a numerous Correspondence and have your hands full of work; I cannot help it however to pay attention to your improvements & whenever I have free time, keep thinking & experimenting. I have two days ago learned through a friend that a Phonograph was for sale in Vienna, it belonged to an Insurance Office & was left there by an American. I sent the money by Telegraph and expect to have the instrument here in a few days, when I intend to give a lecture for the benefit of the families of our poor Soldiers now fighting in

Bosnia. My Vienna friend says, that the instrument is of French manufacture - perhaps Pushin: I shall let you know about it, & tell you what I think of its working. I have written to M. Puskas several times & asked him to send me a couple of your Telephones - but though I recommended my letter got no reply -, why I don't know & wonder at such absence of common politeness expected from a Frenchman. I told him that I am willing to pay for them, & asked as favor. -

The Bell Telephones are not loud enough for the use in mines. The noise of the windlass hinders the voice from being heard, the instruments are too delicately made for the rough hands of the miners. Cannot you send me one or two pairs of your own? I have a number of orders on hand, but dislike to fill them with Bell instruments, as I cannot get any in Paris or Vienna. I must write to you about them.

In No. 138. Supplement of Sc. Am. I see Gaiffe's arrang.t of the Edison Carbon Telephone - using Bell's instrument to hear yours!! I must say, that looks to me pretty Heavenly! Then Bregnatt's new Telephone - Acid and Mercury - and his telegraphing through the Cable (see Supplement Sc. A. No. 126 p. 2008.) - you will have to look out for your laurels!!

I have also an idea of trying your Megaphone as illustrated in the Sc. Am. I ordered one (six tubes for two instruments) at ~~from~~ a bookbinders, but only half size as I cannot get paste-board stiff enough to get the large sized one, & the thing is awfully unwieldy. I shall try shorter distances, say 1/4 or 1/2 mile. Our soldiers would be glad if they could get an instrument that could speak distinctly, & be heard 1/2 or 1 mile distant. I shall try the speaking flame also described in No. 9 Sc. Am. p. 135 at the Gas factory where I am well acquainted with the Director.

I am looking forward with pleasure when you will be so kind to write to me. Please don't forget to tell me how far you have succeeded relieving deafness as I have now a number

of people who are asking me if I have not heard from you.
Please excuse this long yarn & accept my best wishes.

Ever yours faithfully

A. L. Perry

P.S. I sent you in closing the maps of the mine where I have the Telephone working.
also a map of how I finished & looked – when time.

The Terror of the Digger

J. C. REIFF.

No. 52 BROADWAY.

New York, Sept 10th 1878

My dear Edison

A gentleman friend has a letter from a lady in Havre asking about your Eai instrument — She became deaf thro disease.
I promised to ascertain if you had reached any practical result.

Calkins, of the World, has a brother a teacher, who with himself & wife & boy, are visiting Menlo Park some time this week. I promised you would let them know when they could come — Please let me know as the machine is awaited anything like what I saw in the sun today?

Did Mrs E get the box & recp.?

Yr JCR

Confidential — when I P. P. cause mis not be made) the cost 1/2 P
Not to be a mere Publicity stunt or to Book
Nor to be an Non-profit Affair

H Carrington Bolton

Trinity College,

Hartford Conn. Sept. 11th 1878

Dr Thomas A Edison
Menlo Park
N. J.

Dear Sir,

In writing my report (as General Secretary) of the St. Louis meeting of the A. A. A. S. I find it necessary to obtain the language of the telegram sent you from Paris and announced by President Marsh.

Am I correct in stating that you received the "Gounod Prize for inventors?

By an early reply you will oblige yours truly

H. Carrington Bolton
Gen. Sec. A. A. A. S.

Sent copy to Lang Sept 17 78
See letter book

get copy proposed form
~~Use~~ Receive the final
Specifications
Second Telephone
patent not filed, yet,
Tube instruments only
for short wires, better
arrange manufacture in
France ~~the~~ best model you
receive, we send other styles
soon,

Cable to Pohnmund
sent to Warren
by mail Sept 11 '78
see letter book

T. A. EDISON.

Menlo Park, N.J., (Sept 11) 1878

Dear Sir

You better come up with Pusha or with the Mr Gamgee who is in Paris who Pusha ~~Carbon~~ intends ~~Co~~ get your telephone, as we do not fully understand the Carbon business either in regards or in reference to the people.
I have sent them a gross of Molding Carbon, so you can take advantage of the possible which Pusha will have.
Found Pusha today another pigtail of telephone made by the W.U. Telegraph Co. who have about 1000, in use here, Chicago San Fran etc = The Central system is growing very rapid in Nyork about 15 lines per day

have written to Van Tran - Chang & Nyak for all parcel & matters relating to the subject for your information = did you see Browning's report on my 1st telephone patents it is better than I expected =
The Magneto telephone is rapidly going out of use here and the Cord Co are cording them all in & using chloride wires as receivers = I don't believe Bell can touch us in England on the receiver and I am quite nobody else as the transmitter which is the important part. If you can arrange a Co there I should like to have some money on account as I have gone into the Electric Light & am spending lot of money = when you get everything

T. A. EDISON.

Menlo Park, N. J., 187

arranged to secure patents, I will place all the papers in Brewer's hands with a contract giving you 1/2 of the whole thing. But of course the trade must be satisfactory to me and you know I am not unreasonable.

Say to Nottage that we had the Declining Clock plate phonograph working nicely today for first time, and that it will not be long before we shall have it perfect. It's going to be a big success. Your tests seem to prove that Prosco deduct gave a damn any show on the P.O. Telegraph + that his statement that my telephones were a failure was a lie. He made a speech statement about Quadruplex before the Patent Association at Dublin.

I am preparing a pamphlet
that will make him very sick
I propose to send it to every Catholic
man in Europe & England.
unless he comes out openly
within the next 2 months
& explains Exactly what I did
& what Hughes did & defines
why he should have
gone at first.

New York Institution for the Instruction of the Deaf and Dumb,

POST-OFFICE ADDRESS,
Station M,
NEW YORK CITY.

New York, Sept. 11 1878

Mr. Edison – Dear Sir:
I understand that you have invented a kind of ink that makes raised letters. If it is true will you please let me know it as soon as possible? Also where and for how much I can get a sample of it.

Address
Miss Fitz-Hugh
Instr. for D. & D.
Station M.
City

Alice Fitz-Hugh
Ny

Arrived Sept 12 '78
Told her to write
again in 3 or 4 weeks

New York Sep. 11. 1878.

My dear Edison

Your note just received. I send you herewith the cuts and manuscript as requested. I will be glad if you will return the manuscript corrected as soon as convenient as I desire to have it put in type as soon as convenient.

I enclose our two propositions to the Company of December 1874. There has been some discussion about the meaning of the words "for each circuit created", and I would like to have you give me your understanding upon the point, that is whether it means $233 for each circuit upon which the quadruplex apparatus is applied.

or for each circuit created by the
Districts. For example — take the
New York and Boston circuits first
quadrupled — how many circuits
would they be in it according
to your understanding of the
proposition submitted by you.

Yours truly
Geo. B. Prescott

T. A. EDISON.

Menlo Park, N. J., Sept 11 1878

A B Beasley

My understanding was that the Quadruplex created two circuits ~~on the~~ between ~~every~~ the two terminal stations of a line over and above that created by the duplex, and that pay was to be given for these two created circuits. Between NY and Chicago there are four created circuits two between NY and Buffalo and two between Buffalo & Chicago

Yrs
T A Edison

S. BERGMANN & CO.,

No. 104 WOOSTER STREET,

MANUFACTURERS OF

Hotel and House Annunciators and Electrical Apparatus of all kinds,

NEW AND IMPROVED PRUD'HOMME BATTERIES A SPECIALTY.

SEND FOR CIRCULAR

New York September 18th 1878

Mr. T. A. Edison

Menlo Park.

N.J.

Dear Sir.

We will ship you the Telephones and Phonometer in about 4 or 5 Days the Delay was that we had to get patterns made and Bergmann thought you were in no great hurry for them

Yours Respectfully.

S. Bergmann & Co.

per Hall.

Newark Sept 13

Mr Edison

Dear Sir

We acknowledge the check for forty dollars for which we return thanks. We did not send receipt supposing the check to be receipt enough ~~therefor~~ leaving a balance of six dollars. Shall be very glad to receive thanks for past favors and hope to see your son again ~~[illegible]~~

We should be pleased to
have Mrs Edison call in
and patronize us when in
want of our goods We have
a large stock and sell
Cheaply

Yours Respt

F. H. Newman

716 Broadway

Havana Oct 14, 1885

T. A. Edison Esq
Menlo Park
New Jersey

Dear

I am the first having introduced your Phonograph in this Island of Cuba & also the first to introduced the Bell's Telephone

At the time I presented Mess Pollock & Carter of Philadelphia to A. Tanjim as the agency in Cuba for presenting all your inventions & in answer to this Sphinx received the answer that you had appointed Mr Batter your agent for the Island. So far I have not seen any movement from such Mr Batter but the selling of some Edison

Now then my present position in this city very influence every order and in this line is effected by you should you desire to have an active & smarter agent

I enclose some papers of the city in which you will see how I am considered & also what they say about the writer & go ahead & always ready to introduce all the new inventions that can be considered in the country.

not only that point as you may see Mr. Thomas Chief Engineer & Superintendent of the Alarm Telegraph & so could a Gentleman of my inventions to our Alarm. I have making some 60 telephones in the said Telegraph & which perhaps add to them the Profit I can I expect to do something with you.

If I should have to prove these references if you require any I can give you Mr. Geo. H. Lee do James & Hart & Co. Mr. Fairchild Cashier of Tenn. Ink. Mr. Partridge Carter & my brother either thinks in Philadelphia.

Hoping to hear soon from you remain

Yours respectfully
Henry B. Hunel

Box 225 P.O.
Harrison

W. C. Barlow, Jr., Pres't. H. J. Davies, Gen'l Manager.

Ansonia Clock Company,

19 & 21 Cliff St., and 5 Cortlandt St., n/o Broadway.

Factories, Ansonia Conn. 10th Street New-York.

New York Sep 24 1878.

Mr Edison Dear Sir

By Express I forward you "Amelia" in the way of Self Illuminating Oil — It is the invention of the French Chemist. "He brought the patent for this country" I hope to have the pleasure of seeing you shortly.

Yours very Respectfully

Wm J Davies

~~T. A. EDISON.~~

Menlo Park, N. J., Sep 15 1878

Sir

I am very much in need for the balance of $13.99/100 due to me for service furnished, as I am and my family all sick and poor, ask you as a Gentleman to send it as soon as possible, you has no more work for me that is satisfactory, I call nothing more, only what actually belongs to me and will respectfully ask you prompt to me

Yours Respectfully
John Sigel

care of R Tolt & Co R R Ave
Newark

this writing paper is given free by your honorable Britton

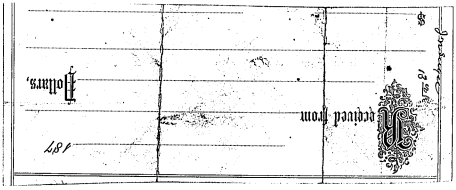
Received from Sept 17th 1878 Thomas A Edison Thirteen Dollars, in payment in full on account of labor

$13 John Sigel

Newark Sept 15 78

Sigel

Sept 16 78
Recd & sent $15 to Pool
with receipt to be
signed & returned
by



OFFICE OF

The Edison Speaking Phonograph Company,

203 BROADWAY,

P. O. Box 5529. New York, Sept 18th 1887.

T. A. Edison Esq
Menlo Park N.J.

Dear Sir,

Mr. Benford, a Russian gentleman, is going to St. Petersburg, and desires to introduce the Phonograph & Telephone into that country.

He wishes to know on what terms he can introduce the Telephone and whether we have any chance of getting orders. He is willing to come to Menlo Park if you can give him an encouraging report.

A letter addressed here will be delivered him.

Yours respy
James Redpath.

Agent Bell Telephone Co. and Edison Phonograph Co.

Telegraph and Telephone Lines Constructed. Telegraph and Electrical Instruments and Supplies.

GEO. C. MAYNARD,

TELEGRAPHIST AND ELECTRICIAN,

No. 1423 G Street,

Washington, D.C., Sept 16th, 1878

Mr. T. A. Edison Esq
Menlo Park, N.J.

Dear Sir,

I have received from the Painter the specifications of your Vocal Engine which he directs me to file in the Patent office — The oath lacks the Notary signature and, to save time, I return it to you for correction

If you will kindly have this attended to and send the paper back to me I shall be greatly obliged

Yours Very Truly
Geo. C. Maynard

Established 1858. Incorporated 1873.

TUFTS' ELEVATOR WORKS.

Manufacturers of

Tufts Patent Combination Rope Elevator.

The safest and most reliable Machine made for Passenger use in PUBLIC BUILDINGS and HOTELS, and for Business purposes in WAREHOUSES, STORES, &c.

NEW YORK OFFICE, 215 Broadway, Rooms 5 & 6

OTIS TUFTS, President.

37 Foundry Street.

L. A. HIGELOW, Treasurer, & General Manager.

Boston Sept 16th 1878

T. A. Edison Esq
Dear Sir

Seeing in the daily paper this morning that among many of your wonderful discoverys, will soon be found an Electric Engine of sufficient power to operate Elevators &c. I take the liberty of addressing you this letter to mention 1st if you see your way to constructing an Electric Engine of a power of six horse or more - that can be relied upon and having greater economy than Steam or water that could be used practically to operate Elevators - and 2d if such is the fact will you please place our name on your list of applicants for its exclusive use in this country for the above mentioned purpose. Favorable we accept your terms for the same

I am a strong believer that the day is not far distant when this great God given power will be harnessed for work and

I know of no person more likely than yourself to accomplish it - Only hope success will follow your efforts - A reply will greatly oblige an ardent admirer of your genius

Very Respectfully

L. A. Bigelow
P.O. Box 3611
Boston
Mass.

The late Otis Inspts Senior was the first person ~~who~~ ~~invente~~ made a passenger Elevator in the world for a hotel or public building and as his successors we have constructed a large majority of the first class passenger Elevators in various parts of this Country

L. A. Bigelow
Boston Sept 1st

S. R. Wells & Co.

Mrs. CHARLOTTE FOWLER WELLS.

Phrenological Journal and Science of Health,
TWO DOLLARS A YEAR.
Single Nos. 20 Cents.

S. R. WELLS & CO.,
Publishers,
737 BROADWAY,

New York, 9/16/ 1878.

All letters should be addressed to S. R. WELLS & CO. These supplying answers should contain stamp for return postage.

Prof. T. A. Edison

Dear Sir. We were in hopes to have a perfect bust to have sent you before the bust our artist has been delayed — we have one however on exhibition at our store till such time as we get the perfected one.

We shall send our lecturer into the field about Nov 1st & he expects to make your Cash a specialty in exhibiting with other busts & portraits of celebrated men — would not you think it of mutual advantage for

you to let us take a photograph
along also, to exhibit as one of the
wonders of your genius. In such
course he will here occasion speak
of you from a phrenological standpoint
and mention some facts in your life.
Please consider this thought & let
us have your views & very much
oblige Yours Very truly
S R Wells

S R Wells
Cor. Broadway

J. C. REIFF,

No. 52 BROADWAY.

New York, Sept 16th 1878
8 40 am

My dear Edison

I am Enroute to attend a funeral of a friend, but must drop a line to say I read your report in Sun of your Edisonian with Electric light.

You know I have been bombarding at you for 3 years on that subject but you have been too busy with other things.

I will of course succeed from Mickle trial — I want you to let me manage it with you.

There may be a chance in that to get back the $30000 I have buried in Electricity.

You have not answered my note about Calkins this Brother coming down here for

Col Loder one of the Regular army officers detached on Brother of Mickle

Artillery School at Fort Monroe
is a town so much interested in
Telegraphic Experiments in connection
with Field Lines, would be glad to see
an improved Telephone or microphone.
What good thing would cannot be
brought home.
If you produce anything of
utility for use in the Army
He is an enthusiast & all authority

L. J. Reiff

L. J. Reiff
Washington
Aug 1878
Answ. Sept 16 78

ALLEN & NOBLE,
DEALERS IN
Hardware, Tools, Cabinet Trimmings, &c.
127 WASHINGTON STREET,
Between Battle and Elm Streets.

Boston, Sept 16 1878

Mr T. A. Edison

Dear Sir

My wife's sister is entirely blind & deaf. of excellent mind & memory & delicate sensations of touch. I notice that you have invented an ink which the author read by touch. As I am incidentally of a bought in finger alphabet. I want some of that ink.

Please inform me where I can find a sum of your ink for reading by the blind.

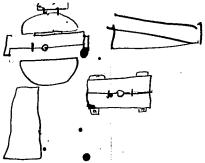
Yours.

Geo Allen

Sept 10 78

Geo Allen
Boston

Answ Sept 17 78
told him would
write again when
ink perfected



CREIGHTON HOUSE,
Board, $2.50 per Day,
245 TREMONT STREET.
WILLEY & BROCKWAY, PROPRIETORS.

Boston Sept 16th 1870

Mr Edison
Dear Sir
Inclosed find a letter that I opened supposing it referred to Phonograph. (I get quite a number of them) but finding it referred to other matters I send it.
If you have any new points that I can use with the News Papers or the Publics I would be pleased to hear from you. I think you will remember me as being out with Mr Johnson also with him at 23rd St when he first opened
Yours Truly
Old South Church J C Wallace

GEO. UPTON,

GLUE MANUFACTURER,

18 BROAD STREET,

BOSTON, Sep 16th 1878

Prof Edison

Dear Sir

I should like to know if you can inform me how I can bleach Rio or Animal Hair & the cost to be as low as possible. I have read so much re regards your eternally & your wonderful inventions so I thought this idea I would suggest to your penetrating mind & see if you could not solve the problem for me. I will pay you for your trouble in experimenting as early answer will oblige

Yours Respt

Gerard Ferguson

P.S.
Please direct your reply to Roxbury Mass Box 91

Boston 16th 1868

Israel Ferguson

on "Bleaching hair"

wrote him Sept 18 1868
to send some samples
by Express

O. G. McCALL, President. E. GOVE, Treasurer. T. H. BOARDMAN, Secretary.

OFFICE OF

THE McCALL MANUFACTURING CO.,

CAPITAL STOCK, $100,000.

Manufacturers of

Rhind's Pat't Kerosene Lamps, and Pat't Combination Flame-Spreader and Extinguisher Burner,

76 WARREN STREET,

New York Sept 16th 1878

T. A. Edison Esq
Menlo Park

Gone at hand I will be over on Monday to see the engine, shall want to bring it away with me you know. to adjust the Bowl to it. &c.

Resp Yours
O. G. McCall

Red Bank
Mo. co.
Sept 16th 78 N.J.

T. A. Edison
Dear Sir
When at Newark
you requested me to let you
know of anything new in the
Lamp line - I have sent you
by mail a sample of a Safety Valve
the Valve screws on the collar of
Lamp and Burner into Valve
I enclose a description of tests
by Chas M Cresson M.D. Phila
- Should you think well of them
I would like to furnish them to you
and would also like you to try
the Valve as you have every convenience
and give me your judgement
and obly
Yours Truly
Geo Graff

Care 246 Mulberry St
Newark

Thank you very kindly for your opinion about the Electric Light

The Central District and Printing Telegraph Co.

OFFICE, FIRST NATIONAL BANK BUILDING

Corner of Fifth Avenue and Wood Street.

Pittsburgh, Sept. 17th 1878

Friend Edison -

I send by today's express the package of tin-foil which I spoke to you about - You are welcome to Sheff. Bennett & Co. for it - Hope it may do you some good - I would like to see them if it proves of use to you - Please let me know -

I am decidedly of your opinion that you have struck a consolidated Virginia in the Electric Light - I take it that you will hold that yourself, and I want to put in a claim for the contract of it in this Territory, on the terms at which you let it out to parties in other towns and cities - Will you remember me in this connection? If you claimed ~~me~~ in this, I will

cast about, and prepare the way for forming a local company.

I shall write to Bergman about the telephones.

Yours truly,

J. M. Daniel

Rec'd Sept 27/78

1878 - Electric Light

J. C. REIFF.

No. 52 BROADWAY.

New York, Sept 17th 1879

My dear Edison,

Your recd.
Col Loder of the Artillery school
wanted to see you laboratory because
he is interested in Electrical Science
& has followed you with much interest —
He is likewise an old friend of my
friend Wright of Drexel, Morgan & Co
& is very rarely in NY. —
He is now here at West Point &
along the coast on inspecting
tour & being especially anxious
to see you, I promised to make
the arrangement & take him
down as you continued.
Have you developed anything in the Rubberbanks Matter?

Yours
C.R.

Col Loder crossed the Plains
in 59. with Albert Sidney Johnston
on the Expedition against the
Mormons.

than eyed and h
Calkin Fifth of world
smile answer in hour
tip room pa upset is too
knew.

R. Logan May

R Logan May
Evans

Gate, N.J.
Sept. 17, 1878 –

Dear Professor,

You may remember me as "Logan May", connected in 1871 with the Gold Rock Sil. Co. & cutting the old granite in New St. I was known more generally as "Logan" – perhaps a little more familiarly when I congratulate you upon your success. I wish to make a suggestion regarding a plan and that is, to have the according colonels send us a list of those so engaged as to discourage readily – to be sent with the bills

in a box — Enclosure is a microscope, ~~of~~ in my late invention 6½ × 3 × 3 — being 2/6 made — not too large — to be readily transported or put in the market — with a special knowledge and care adjustments for double or triple instrument & [illegible] the speaking microscope and [illegible] — the idea is of course [illegible] — [illegible] go upward and out of [illegible] — although [illegible] [illegible] — I have any [illegible] advisory [illegible] [illegible] from [illegible] [illegible] do the [illegible] good [illegible]

[illegible] [illegible] [illegible] [

(Sept. 17)

Friend Edson

I am back again. Call in see me — I will be glad to send you any answers to these cables I want to bring

Capton Magne
one of our Friends
tides you.
Hope you
are OK.

Hand

7 pm

The Western Union Telegraph Company,

SUPERINTENDENT'S OFFICE, 8th DIST., U. D.,

Erie Building, 187 West Street,

(Box 1139, P. O.)

New York, Sept 11th 1878.

Mr Thos A. Edison,

Dear Sir,

Permit me to introduce to you, Mr O. Chanute, Engineer & Asst. Genl Supt of the M. L. E. & W. R. R.

Yours respy

W. P. Holmes

Supt

Boston Sept 18, 78
Tom Maguire
& Patty Stewart

Boston, Sept 18, 1878
Wednesday 1 P.M.

Dear Tom:

An Eminent gentleman named Stewart arrived here this morning, and while we were lounging around on the Common now, enjoying the Indian summer, the beautiful landscape of Beacon Hill, and the placid waterscape of the Frog Pond, our conversation drifted upon various individuals, and (of course) you among the rest. We passed ~~an unanim~~ a resolution (unanimously) that we would communicate with you, and this is the result of our action.

First & foremost, I am going

to suggest that you designate Stewart, if it is expedient, to introduce and work your inventions in Boston and the Eastern County. It is not necessary for me to allude to his qualifications, for you are posted in that respect; but I want to call your attention to the journalistic lever which I can and will work in your behalf. You see the point, and it is not necessary for me to elaborate. I have persuaded Patty to go now & see you soon as he gets back, & he will give you the details of what I suggest. I am one of the Editorial gang of the Globe, &c., as S. will explain.

If you can have a spare moment from the ~~Scient~~ Scientific Sarans just drop me a line, also send me any printed circulars or documents which you may issue from time to time, if any.

Yours, &c

Mr Maguire
Globe Office, Boston.

Dear Griff.

Please telegraph me upon receipt of this when Tom will be at home & I will give you a call.

Geo F. Stewart
International Hotel.

P.S. I leave for NY tonight

T. A. EDISON.

Menlo Park, N. J., Sept 18 1878

O. G. McCall Esq
N.Y.

Dear Sir

Upon arriving from N.Y. today I learned from Mr Batchelor that you had been here. He informed me that you spoke of some alterations which you thought should be made. I consider the engine practical as it stands and in such shape that any intelligent mechanic can make them, or change it as may be desired. We have no time here to waste on such details. Will you please write what disposition you want made of the ~~engine~~?

Yours Truly
T. A. Edison
9

Copy of
a letter to
O. J. McCall
76 Warren St
NY

Sept 18, 98

T. A. EDISON. 133

Menlo Park, N. J., Sept 19 1878

1419 Prof T A Edison.

Wish to call on you this afternoon Will you be at home

D G Watts
Pres't Mg Cotton Exchange
answer

19 paid
Va C

T. A. EDISON. 2

Menlo Park, N. J., Sept 19 1878

D G Watts Esq

Yes sir

T A Edison

3 Collect 1357 pm
C, Va

T. A. EDISON. 3

Menlo Park, N. J., Sept 19 1878

My Dear Sir

Coming to see you tomorrow if you says so

Answer A. K. Eaton
65 Henry St
Brooklyn

15 paid
10

Sept. 19/78

T. A. Edison —

My dear Sir,

Mr Sorer thought I would find you here — What time and where can I see you this P.M.? Yours truly

W. E. Miller

T. A. Edison

Looked for you
at Elizabeth Rad
the day that I left
the City

Aug 19, 78
N.G. Miller

Edison

Remember
this Quotation when
you come to Schuty
and the other you
make your wise
as you like that
they have you.

Coffee .05 +
Pork and Beans .06
Bread & Milk .05

All fruit rate -
Reading and Traveling
Free! Miller

[ON BACK OF PRECEDING PAGE]

Y. M. C. A. Office, Cor State & Ferry sts
Schenectady, N.Y.

As you may be a comparative stranger to our city, we take the liberty of calling your attention to the enclosed list of Sunday services, to any & all of which, in behalf of the Association & the different churches, we would most cordially invite you.

During your stay in the city we shall be very glad to have you regard our Association rooms as your home, whenever you may find it agreeable to visit them.

Our free reading room is open every day in the week, being supplied on Sundays with only the best of our literature. Come & welcome.

Respectfully & sincerely
Yours,
O. C. Morse
General Secretary.

O. G. McCALL, President. E. GOVE, Treasurer. T. H. BOARDMAN, Secretary.

OFFICE OF

THE McCALL MANUFACTURING CO.,

CAPITAL STOCK, $100,000.

Manufacturers of

Rhind's Pat't Kerosene Lamps, and Pat't Combination Flame-Spreader and Extinguisher Burner,

76 WARREN STREET,

T. A. Edison Esq
Menlo Park

New York Sept 18th 1878

Your favor at hand and noted I understood from your Mr G Lee would be in the city Sat. and at 203 Bdway between one and two o'clock P.M. I desire to see you a moment then when I will indicate to you my reasonable desire in the matter mutually interesting to us.

Respt Yours
O. G. McCall

Boston Sept 19th 1878.

Thomas Edison Esq

My Dear Sir.

Some months since I addressed in behalf of the Ladies of the Preservation Committee of the Old South Church the care and management of your Phonograph at that time I asked the pleasure of your company and received with regret your reply that

The state of your health would not permit you to leave your house. The time of my management is about to expire and before the close of the exhibition it would afford all connected with our association the greatest possible pleasure if you would consent to visit us in Boston at any day or hour convenient to yourself, at the same time will you permit me to renew my invitation to you and to your family to make your home at my house at Nahant during your visit

I can promise you strict retirement and freedom from intrusion.

I must most earnestly beg of you to give this favorable consideration.

Very Sincerely
Yours
[illegible]

Thomas Edison Esq.
Menlo Park
N.J.

SEP 1918

Mr Thomas A. Edison
Menlo

Lieut. Supt. Gamble of
San Francisco is now in
N.Y. If you will inform
me what days next week
you will be at your work
at Menlo Park. We may
call and see you.

Yours Truly
J. Hitchman

4 6.29 PM

T. A. EDISON.

Menlo Park, N. J., Sept 19 1878

Tarrytown NY 19
T A Edison NJ

Grand Jury meet tomorrow at Tarrytown If you are not ready send telegraph stating that you desire to appear and why you are not ready. Send a dispatch on which I can ask postponement to three Broad St

G P Lowrey

3 RDH
MR. E

T. A. EDISON.

No 1

Menlo Park, N. J., Sept 26 1877

Grosvenor P Lowrey. of Porter Lowrey & Sons
Three Broad St

Bachelor out taking Phonautograph records. cannot finish immediately. If possible get a little delay as I want to appear before jury with records if good ones, answer:

T A. Edison

27 5th

907 Wm.
9 D 10

T. A. EDISON. / 1022

Menlo Park, N. J., Sept 22 1878

NY 20
Thos A Edison
Mrs

Mr Lowrey wants you to come to the grand jury room immediately whether you have prepared yourself or not

Geo B Scott
Supt

19 DH
No 9

T. A. EDISON.

2

roll ang

Menlo Park, N. J., Sept 20 1878

NY 20

T A Edison

Come right away whether you are ready or not If you arrive after eleven go right to Grand jury room Brown Stone building in Park on Chambers street

G P Sowren

19 Paid

N.J.

Railroad, Blanted
T. A. EDISON.

3 250

Menlo Park, N. J., Sept 20 1878

My 20 T A Edison no

Will not be able to appear as expert for R.R.

A M Mayer

(2 paid)
Vaq

THE AMERICAN SOCIALIST.

(PUBLISHED EVERY THURSDAY)

F. WAYLAND-SMITH,
Business Manager.

$2.00 Per Year.

Oneida, N.Y. Sept. 20th 1878

Mr Thomas A. Edison
Menlo Park. N.J.

Dear Sir -

One of our subscribers residing in Auckland, New Zealand, having read in the American Socialist some weeks ago a notice of a new ear trumpet or some new device for the relief of deaf people, writes to know how, when and at what price he can procure one. The invention was credited to you, so I pass the questions along. Have you perfected any new ear trumpet or instrument to improve the hearing? Can you furnish one, and at what price? The old gentleman is of a genial, sociable nature, and says "no reasonable expense should stand in the way" of his getting such an invention.

Was the sun account of your new device for producing & multiplying electric lights substantially correct? I am immensely interested in that subject. It strikes me that it would be an immense advantage

to hotels, and such institutions as our Oneida Community, where a great number of rooms have to be lighted.

I noticed in the Banner of Light (Spiritualistic paper of Boston) that a Western lady had been inquiring of the spirits whether the principles of your phonograph was a spiritual one or could be explained on natural laws! To the credit of the spirits, be it said, they thought it could be fully explained in the latter way.

Yours very truly

F. Wayland-Smith

Oneida, N.Y. Box 270
Thos. Edison
Menlo Park
N.J.

Prof Trowbridge
Ans'd Sept 23 78

Lyme, Ct. Sept. 20, 1878.

Dear Sir,

I shall be in New York next week on my way to the U. S. Naval Academy where I am Professor of Physics.

I shall esteem it a great favor if you will permit me to run out to Menlo Park to visit your Laboratory

Either Tuesday, Wednesday
or Thursday.
If I can have the
pleasure of meeting
you, between trains, from
New York, upon one of
these days will you be
so kind as to send me
a line care of Dr. J. L. Terry
738 Lexington Avenue N.Y.

Very respectfully yours,
R. M. Terry.

J. C. REIFF.

No. 52 BROADWAY.

New York, Sept 20th 1878

My dear Edison —

I wish you would give an occasional thought to producing an improved lamp for mining purposes — better than Davy's

Also a mode of lighting mines by Electricity —

The Principal Gold silver & Coal mines have plenty of power at hand, if a method for utilizing the light could be devised

Approved Edison —

I inclose a memo made by Mr Rhinardt Brother of the member of Parliament who raised such a row some time since about carrying firearms.

After reading return I at your leisure — Apart from thinks they have a cheap lamp (Electric) by burning the Carbon (method communicated by in a sealed glass

Yours truly
J. C. Reiff

Yes not intrinsically

Learned Macrin are back from Silver Bell with some most wonderful specimens of Lilith from the mine.

E. F. W is in town.

ROBERT B. ALLEN,
M. & C. E.

Philadelphia, Sept. 21st 1878.

My dear Sir

Admiring the stupendous achievements you have accomplished I take the liberty of addressing you & at the same time to enclose you herewith a copy of Prof. Thurstons report upon my new tempering process for steel.

The results obtained are wonderful, and as you no doubt have occasion to use very strong steel, I beg to present this as surpassing all tempers yet known, and if you desire it I should be pleased to go further into the subject with you.

Yrs Respy Hours.

Robert B. Allen

215 North 3rd Street
West Philadal

To Prof Edison.
Menlo Park N.J.
Addressed.

[ENCLOSURE]

RECORD ACCOMPANYING AUTOGRAPHIC STRAIN DIAGRAMS

—OF—

STEELS RECEIVED from JOHN T. HAWKINS, Esq.

MECHANICAL LABORATORY, DEPARTMENT OF ENGINEERING,

STEVENS INSTITUTE OF TECHNOLOGY.

MATERIAL. STEEL.

INVESTIGATION FOR STRENGTH.

NAME.	SOURCE.	LAB. No.	ORIGINAL MARK.	SIZE FOR ESTIMATES. Length L	Diam. H	STRESSES IN TORSION POUNDS-INCHES. Proof. M'	Ultimate. M	STRESSES IN TENSION APPROX. LBS. PR. SQ. INCH. Proof. T'	Ultimate. T	RATIO OF EXTENSIONS. Proof.	Ultimate.	Maximum.	DEGREE OF EXTENSIBILITY AS TO Structure	Strain.	MODULUS OF ELASTICITY E	MODULUS OF RESILIENCE W	MODULUS OF RESISTANCE TORSION. (a) Elastic. $A=\frac{M}{.2D^3}$	Proof. $A=\frac{M}{.2D^3}$	Ultimate. $A=\frac{M}{.2D^3}$	ANGLE. θ_a	θ_u
Ordinary Steel,		996	—	12	.633	164.02	497.02	39452	119551	.000667	.04654		Excellent	Excellent		323.172	Stiffness. 32.5			.5°	42.5
Ditto Hardened by ordinary process,		997	—	"	"	427.02	427.02	102712	102712	.000429	.000429					13.78	106.75			.4	.4
" " new "		998	—	"	"	559.225	559.225	135101	135101	.000513	.000513					15.916	121.27			.4.5	4.5

ROBT. ALLEN PHILADELPHIA

R. H. THURSTON, Director.

Mechanical Laboratory, Stevens Institute of Technology,

HOBOKEN, NEW JERSEY.

JUNE, 10th, 1877.

JOHN T. HAWKINS, Esq.

DEAR SIR:—From the record of three specimens of steel tested here by Torsion, in the latter part of April, 1877, under marks of Laboratory No. 996, Soft, Unhardened Steel,

997, " Hardened in water in the ordinary way,

998, " " **by a new process,**

the following conclusions may be drawn:—

1st. From columns headed M' and T', (the first of which gives the torsional load which strained the metal to its torsional elastic limit, and the second the approximate tensile load per square inch which would strain a specimen subjected to tension to its elastic limit,) that

No. 996 possessed the lowest elastic limit,
" 997 " " next highest elastic limit,
" **998** " " **highest elastic limit.**

2nd. From columns headed M and T, which give the breaking loads for torsion and tension respectively, it is shown that

Lab. No. **998 possessed the greatest**
" " 996 " " next greatest } Resistance to rupture by Torsion,
" " 997 " " least

and that the probable order of excellence as regards tensile strength was also

Lab. No. **998, No. 1 in strength.**
" " 996, " 2 " "
" " 997, " 3 " "

3rd. From columns headed "Extension," "Proof" and "Ultimate," and "θ_a" and "θ_u" the former giving the estimated actual stretch in per cent. of length for the loads M' and M respectively, and the latter the number of degrees through which the specimens twisted for the same loads, we conclude that

Lab. No. 996 possessed the greatest amount of ductility.
" " **998** " " **next greatest amount of ductility.**
" " 997 " " least amount of ductility.

4th. From column headed "Stiffness," which gives the rate of torsional resistance of the material within the elastic limit, *i. e.*, the amount of torsional stress in foot-pounds necessary to twist the specimen through one degree, we conclude that

Lab. No. **998 possessed the greatest amount of stiffness.**
" " 997 " " next " " " "
" " 996 " " least " " "

5th. From column headed "Resilience," which gives the actual number of foot-pounds of mechanical work expended in breaking the specimen, we conclude that

Lab. No. 996 possessed the greatest
" " **998** " " **next greatest** } Power of resisting Shock or Toughness.
" " 997 " " least

The amount by which one specimen exceds another in any one of the properties mentioned above, will be directly proportional to the figures given for this property opposite the specimens. Thus we conclude:—

1st. That the specimen of steel hardened by the new process, is possessed of a higher elastic limit than the ordinary unhardened steel, by 240.95 per cent. and 30.96 per cent. higher elastic limit than that hardened in the usual way.

2nd. That the specimen of steel hardened by the new process is 12.52 per cent. stronger than the untreated steel, and 30.96 per cent. greater strength than the steel hardened in the usual way.

3rd. That the specimen of steel hardened by the new process is less ductile than the ordinary steel, by about 84.44 per cent. and possessed a greater ductility than the steel specimen hardened in the usual way, by 12.5 per cent.

4th. That the steel specimen hardened by the new process, was possessed of a greater stiffness than steel not hardened, by 282.57 per cent. and more so than the steel hardened in the usual manner, by 16.41 per cent.

5th. That the steel hardened by the new process was 192.67 per cent. less tough or capable of resisting shock than the unhardened steel, and 15.72 per cent. *more so* than the steel hardened in water in the usual way.

"SIGNED," Very Respectfully,

R. H. THURSTON,
Director.

T. A. EDISON.

Menlo Park, N. J., Sept 21st 187 78

Cable

Edison Menlo Park New Jersey

Telephone contract for France signed today fifty thousand francs at your disposition on delivery licence, 150 thousand later, and 250 thousand in shares. Keep terms private at present, shall I mail you papers to sign and statement of Phonograph Exhibition, or can you come to receive money and grand prix yourself please come

Puskas

5-8 paris

MH + 9 2.40 PM

T. A. EDISON.

Menlo Park, N. J., Sept 22 187

Cable

Edison Menlo Park New Jersey

Please answer yesterdays cable and ~~Sme~~

Puskas

10 paris

~~[illegible]~~ MH+US

Menlo Park 2nd Sept 78

Pinkos.
Paris.

Good — Send Papers. cannot come here.
Struck a bonanza in Electric light —
indefinite subdivision of light, shall
send it take patents ~~[illegible]~~ for continent
Same as ~~[illegible]~~ 60 gold, and without [illegible]

Edison

30 paid

Mr
10 30 Am

2 25 35 00

/ 5-20

T. A. EDISON.

Menlo Park, N. J., Sept 22d 1878

Cable

Edison
Menlo Park

Thanks will send Sewell
money funds
Puskas

10 Paris
Sep

F. A. LISIEWSKI. A. K. SCHULTE.

German Publishing House,

OF

F. LISIEWSKI & CO.,

[redacted], 116 N. Sixth Street.

PUBLISHERS OF
Philadelphia Deutsche-Zeitung,
Freiheits-Bote,
Sonntags-Bote,
Der deutsche Bote,
Illustrirter Deutsche-Almanach.

Philadelphia, Sept. 23 1878

Mr. Edison

Esteemed Sir:-

I do myself the honor of mailing you a copy of our illustrated Annual "The Mount Moriah of the year" containing among other things a brief page on the Telephone & Phonograph. It will be the means of familiarizing the hundreds of thousands Germans who read this Almanac with inventions that have made your name & fame world-wide.

Permit me in connection herewith of troubling you for a bit of information in which I am specially interested.

My hearing has of late years been somewhat impaired. Would your Microphone instrument into the ear be of any service, or have you invented any other appliance, small enough to be carried by the auricle & imperceptible

to the eye, that would assist the hearing –
a line dropped me on this matter would greatly oblige
respectfully Sir
Very respectfully & truly
A. Schulk

Firm of
J. Liliencrantz & Co.

Phila 23rd Sept 78
A. Schulk
answered and
Sept 24 78

THEO. PUSKAS
1, Rue de la Bourse

Paris, le 23 Sep 1878

My dear Edison,

It is a goodly long time since I wrote you — but in future I will be more diligent.

In a seperate letter I forwarded you today 1.) the copy of the telephone Contract which was signed (so called) on the 21st — 2.) My assignment to you of half my interest 3.) Power of Attorney which you have to sign 4.) Statement of Phonograph Exhibition.

I am writing in great haste not to miss today's mail — so I will today only

THEO: PUSKAS
1, Rue de la Bourse

Paris, le 18

refer to the most urgent thing, that is - the signing of the Power of Attorney — It must be done before a notary and the french consul, — If you go to the consul you will find probably in his office a notary who can legalize french documents. — Send it back to Paris as soon as possible - don't loose any time - because we have according to french law - to make our ~~con~~ contract all right - just one month from the date of signing — that is till 21st October,

THEO: PUSKAS
1, Rue de la Bourse

Paris, le ..... 18 ...

3)

to hand over power over. Make the Power of Attorney out in duplicate - and send it by two Mails - to make sure ~~of~~ its getting here in right time.

Send the power to your Patent-Agent here or to a banker or to any other person - only let me know right away - where I can find and exchange the same for fifty thousand francs, which will go entirely to your credit till we arrange about the division of the Phonograph Exhibition Profits.

THEO: PUSKAS
1, Rue de la Bourse

Paris, le 18

4)

as you see by Roosevelt's statements – I made about 22 thousand francs. – I leave it to you how to divide. — About the sale of Phono's I will write next time and also send a statement but I do not think that we sold more than 150 instruments. – I have over 200 on hand which I cannot sell.

Godillot our future partner is a capital business man – I do not think that many months will pass by befor

THEO: PUSKAS
1, Rue de la Bourse

Paris, le ..... 18 .....

5)

we start our Enterprise on the larger Basis. — the is worth several millions.

More by next mail

Yours very truly
Theo. Puskas

Congratulate you to your success in electric light.
As cabled will forward funds to Sewell for patents.

Please cable me on receipt of this — to know when I can expect your Power of Attorney.

Paris Sept 23. 78

Thos Walker

About the reasons why I worked together with Bailey — also in next mail.

He and his parties — Gray Shelps White et cetera — make half of profits — our share (yours & mine) will be 200 thousand cash 250 thousand in shares

GEO. UPTON,

GLUE MANUFACTURER,

18 BROAD STREET,

~~Boston,~~ 187

Peabody Mass Sep 26/78

Prof. T. A. Edison
Menlo Park N.J.

Dear Sir

Your favor of 18th Inst to hand - I send you by Express to day Samples of Hair - do the best you can with them - I have not sent you Samples of black & brown as I thought if you could bleach the red Sample sent you, it would be an easy matter to bleach the black & brown - Keep all matters between us Confidential If you need more Samples let me know

Hoping to hear from you soon -

Yours truly

Israel Ferguson

Box 91

Peabody Mass August 7th 1876

Israel Ferguson

Re Hair branch

New York Sept. 23-78

Thomas A. Edison Esq
Menlo Park

Dear Mr Edison: I go to Boston to night. If you have made any further experiments with your ink for the Blind I wish you wd mail me a few samples & I will go now to the Blind Asylum & see whether the pupils can read it.

My address will be at the Parker House & there I shall be there a week.

Royalties on Exhibitions up to date amount to over $7000 ~~7~~

If you wd send me a small bottle of the ink by Exp. I shd like to try it on the Blind.

Your bd

James Redpath

If the Blind ink works with me I think I can bring it in the Sel. Cts of this Mr. Stephens.

Perf the ink without dilution; I use it undiluted — in charge of the exhibition of Manuscripts & Autographs. Perf the ink without dilution; I use your ink undiluted — in charge of the exhibition of Manuscripts & Autographs.

T. A. EDISON. 1 2.00 pm

Menlo Park, N. J., Sept 23d 1878

NL 23d
Thomas A Edison
Mo

As we received the tracings from Company we reported your request and asked instructions. Company says it will send them to you to day. Let us know if you do not receive them punctually.

P. L., S. S.

33 paid
6 9

T. A. EDISON. 7 8.22 pm

Menlo Park, N. J., Sept 23 1878

Half rate message

NL 24
Thomas A Edison Menlo Park
Private

Dear Sir

Please say whether you will come and see me today (Sept twenty fifth) or I call on you and if the latter, though I would rather the former, whether I can see you personally without ceremony on the most important business

Thomas B Stuart
996 Sixth Avenue
Third floor.

57 Paid
half rate
7 6 under in sig
1 0 " in addr

7 9

T. A. EDISON. 8 9 20

Menlo Park, N. J., Sept 24 1878

NY 24 Thos A Edison ms

Dear Sir

Please take no ~~notice~~ action in my telegram of this Evening for the present and excuse my abruptness

F B Stuart

19 Paid
MLG

T. A. EDISON. 3

Menlo Park, N. J., Sept 24 1878

NY 24 Thos A Edison ms

I am coming over this afternoon to see you

J. McDill

GWH
V 09

T. A. EDISON.

Menlo Park, N. J., Sept 24 1878

NY 24
T A Edison
Western Electric wire ~~carbon~~
at once will you find them and keep
them supplied

Geo Walker & P.

NY 24 T A Edison ms
I am coming over this afternoon to
see you

J. McDill

GWH
V 09

address one
G.E.A.
of Woodland Av.
Mt Pleasant
Boston

Gratis Orders

Sept 2 1878

[illegible] Some
[illegible] I should request
of you, your [illegible] generous [illegible]
was I did not take, because
[illegible] thought I was not [illegible]
him fairly by leaving him at that
time, now I have another request
to make of you. I was decided in
making this call on you by being
up at 6 A.M. on a cold cold day
and on the "Magnetograph" If you
recollect some after you left in
New-York you telegraphed me [illegible]
would take for my interest in that
[illegible] No — you wanted
to know if I would take as much
for my interest in the Magnetograph
I said yes, You furnished portion of
that amount the balance I have
seen, & as I got all it was worth
I don't expect more, but now I
want some money very much

I want to make a journey to N.Y.
and settle some other little matters
here before going. To do this I want
about 100 dollars, If you cant do
this for me, I will sell you for
that amount my interest (half)
in the "Perforator" Its be such as a
Money receiver in the a telegraph
circuit. You can make this thing
valuable in connection with the
Harmonic System, It is simple & cheap
& need not cost 10 dollars over the
cost of a sounder or relay for which
it may be used as well in a Perforator
I have a position in prospect in
N.Y. & hope to be located there
very soon, I want to make a "break"
from this thing, I'll get tired of
pushing my things in this business —
I congratulate you on your great
successes of late, & hope they have
not lifted you above in Instrice
of your poor brethren
I trust you will keep this "Confid"
& that I may hear from you soon
If you can do this favor & there is
any other return you may suggest
I shall try to do it. Yours truly
I am yours truly
Geo. S. Anderson

[FROM GEORGE GOURAUD?]

24 Rpl.

Ship me immediately one each your recent Inventions complete for organized system of scientific special lectures thereon and subsequent permanent exhibition - Barrett Clark &c. enlisted - Name price foreign patents tuning fork motor - Have you forwarded copy Mortage Contract

Boston Sept 24th 78

Thos Edison Esq

My Dear Sir

Any other excuse than the one given in your polite note just received, would have been accepted in Liberty.

Under any other circumstances I should have regarded a further attempt to secure your presence in Boston as an impertinence, but I cannot allow you to say that you are committing the suicidal act of labouring three fourth of the twenty four hours unremittingly without entering a formal protest in behalf of all who are interested in your

Yours

Nature never intended man to work with hands & brain for eighteen hours a day and cut out of your friends and will wishes I urge more moderation.

Your life is too valuable to be shortened by such overtaxing and with all seriousness and earnestness I ask you to reconsider.

You last letter permit me to name a time and place when I may see the Southern Reorganization Committee before I resign the management of your Phonograph.

Will you permit me to name Monday Sept. 30th or Oct. 7th or any intermediate day that would suit you better; the expression in your note

"If there should come a time when I can get away leads me to hope that you may be admitted, and will take the time and come away if only for the Lake of Chautauqua scene.

I beg my dear Sir you will not think me intrusive & divergent, or unwilling to take a refusal, formerly I asked for my own sake and for the sake of the Committee with whom I am connected in the work of saving the old South Meeting House.

Now I ask you to come quite as much for your own sake — and I shall be more than disappointed — I shall be grieved if you decline — Boston

Boston 24 Sept 24 78

Hon Geo W Simmons
Saco Sept 26 78

Dear Sir little to attract a man of science just at this season but we have a collection of all New England Yankee inventions at our Mechanics Fair now being held & will continue open until Nov 1st and this might be of some interest.

Very Sincerely
Yours
Geo Simmons

P.S. I am urged to day to apply for permission to exibit your photograph in connection with other things now being shown at the Old South. Would there be any chance of obtaining one?

THE EDISON ELECTRIC PEN & DUPLICATING PRESS

Geo. H. Bliss. Gen'l Manager.

142 La Salle St. Chicago. SEP'T 24TH, 1878.

THOS. A. EDISON ESQ.
MENLO PARK, N.J.

DEAR SIR:

WHAT HAVE YOU PROMISED TO DO FOR ONE OF THE LEADING CLERGYMEN HERE?

HE RINGS YOU INTO HIS SERMON ABOUT EVERY SUNDAY.

THE PAPERS CONTINUE TO GRIND THE GRIST BUT I CANT AFFORD TO BUY ALL OF THEM TO FORWARD TO YOU.

WRITE ME THE TRUTH ABOUT WHAT YOU HAVE DONE WITH LIGHTING BY ELECTRICITY &C.

YOU KNOW I BELIEVE IN EDISON BUT NOT HALF WHAT THE PAPERS SAY..

BULWINKLE IS MOURNING BECAUSE HE LET YOU HAVE THAT WATER TELEPHONE BEFORE THE FIREMAN'S TOURNAMENT. HE LOST A GOLDEN OPPORTUNITY TO SELL THE VISITORS.

HE WAS IMMENSELY PLEASED OVER THE ARTICLE IN THE RAHWAY ENTERPRISE.

RESPECTFULLY,

Geo. H. Bliss
GEN. MAN.

Say to Bliss. Electric light is ok - I have done it & it only a question now of economy. Parties here will furnish capital provided for a large sum of money

Edison

CAPT. HENRY GERNER, C. & M. E.

OFFICES OF

HENRY GERNER & SON,

RICHARD GERNER, M. E.

SOLICITORS OF
UNITED STATES AND FOREIGN
PATENTS.
(Invention and Design.)
—REGISTARS OF—
Trade Marks, Labels, &c.
ATTORNEYS AND EXPERTS IN
PATENT CASES,
Interferences, Infringements, &c.

PUBLISHERS OF
GERNER'S WEEKLY AND PATENT GAZETTE

NAVAL,
CIVIL AND MECHANICAL
ENGINEERS.
No. 49 Chambers Street,
OPPOSITE THE NEW COURT HOUSE.
P. O. BOX 4544.

TO THE PRESS.—Address Exchanges, "Gerner's Weekly, Newspaper Lock Box 216, New York.

☞ TO INVENTORS.—Please send stamp if an answer is required, and be sure to repeat your address in every letter.

New York, Sept 2/1 1878

T. A. Edison. Esq

Dear Sir

Your favor of 27th ult., in which you promised to call here in a few days to inspect the model of our Wave Power Engine, was duly received and answered immediately at the time.

We cannot but help thinking that you will be greatly pleased at the examination of our solution of the stupendous question, which, when brought into use, will most certainly confer a greater benefit on mankind than any improvement made in ocean navigation since Fitch, Fulton, Stevens, &c.

We are anxious to have you fulfill your promise and come and see the invention for yourself. We feel that great results will follow from the visit.

We heartily congratulate you upon your late successes, as reported in this

city's morning papers, and, awaiting your early call, beg to remain

Yours very truly

Henry Gemmer & Son

Mr Hubert F
Henry Gemmer
Cincinnati Ohio

SCIENCE AND ART DEPARTMENT.

Royal College of Science for Ireland,
Stephen's-green, Dublin,
Sept 24 1878

My dear Sir,

I have just received your kind letter in reply to mine and have written to Cl. forward to him the Parcel sent to Birmingham for my letter. Thank you extremely for your great kindness in sending me one. I shall very likely come and have had numerous diagrams of your discoveries and further letters. I am not quite

Yours sincerely
W. F. Barrett

Yours sincerely
Oliver Lodge

Was of the exact date of your electromotograph — was it 1874? for that was also a form of telephone: if so you came nearer to Reiss in point of date. You shall see my opinions concerning the microphone affair when my lectures are published, meanwhile I will send you a copy of the next "Good Words" containing my article on the Microphone and a popular reference to your work & connection with it. I am sorry for that — any strong words were used, & I don't think Hughes or Preece are at all capable, — the latter I ~~personally~~ know to be not — of piracy or unfair dealing. Possibly you may be able to give you may be some explanation which will satisfy the public here. In my own opinion there cannot be

a draft you first applied after
rediscovering the principle
which underlies your carbon
telephone & the microphone.

I have just made your proper
"megaphone" for my lectures & it answers
well; I shall let you know how
the Vesuvius works.

I will attend to your wishes
concerning Bossing. There is an
excellent & clever mechanician here
by name Prescott whom I employ for
good work, he is just starting business
for himself as an instrument maker

[cf] [G]

SCIENCE AND ART DEPARTMENT.

Royal College of Science for Ireland,
Stephen's-green, Dublin,

.....187.....

& I should be glad if you would
allow him to make your vesuvius,
he will do them well. I am sorry
I find you have been treated so
badly by the Phonograph Company
who are making large sums
out of the exhibition of your
phonograph: & will not sell me
one for my lectures, however they
have prevented ~~Edison~~ Exhibitors

their establishment in Birmingham.

You carbon telephones will ~~[illegible]~~ & other things of the future. I hope you will have respectable agents. In Ireland no firm stands higher than Edmundson of Dublin, the chief of this firm is Mr Higham whose gas-lighting houses are well known here. Excuse my mentioning this

bye, I am in no way interested in any firm, and can perhaps be of some assistance bye & bye on that account.

If you can send me your lantern slides cased on glass for projection I shall be glad, as an English audience will be interested

Answered Oct 7/78

in seeing a photograph of one
who has added so enormously
to the practical triumphs of
science, as yourself.

I ~~saw~~ met Mr Edison
in London he told me of his
recent interview with you & was
full of your work. Unfortunately
I missed Col. Gouraud in London
& also in Paris, whilst I could fully
together all the information I could
on the subject of telephones & your other
inventions. If you Mr Adams was
very good and gave me all details

Corner State and Griswold Streets.

European and American Plan.

A. M. VAN DUSEN. J. D. TUCKER.

Detroit, Mich., Sept 29 1878

Al. Edison Esq.
Menlo Park N.J.

Dear Sir—

In reason because of old time, I take the liberty of addressing you, in regard to making an arrangement for a lighting blending and introducing some of your numerous inventions. in this section of the State. there is no one, that is more thoroughly acquainted, with the people including other of media of this & adjoining States. than I am—and I understand. that all

your Mich. Phonograph
Limiters, is not as good
as I know there is some
thing being done
with it there. Can not
make some arrangement
either with or through you
looking to the probability of
it here — or if not that
of some thing else. The
panic, caught me with
my sails too much spread
in different enterprises, and
from that time I have
not been able to gather
myself for a new venture.
On what terms, could
a lease of the profits, in
stinnett, for exhibition
be obtained? say for 3 months
the Tuttle, to exhibit
the Statue, of the Phono-
graph — be obtained. I
to pay all expenses and

CORNER STATE AND GRISWOLD STREETS.

Detroit, Mich., ... 187..

European and American Plan.

A. M. VAN DUZEE. J. D. TUCKER.

make say in monthly re=
turns, also, what commis=
ion could you allow. on
the sale of Instruments,
in this City the sales to
be C.O.D. on delivery of
Instruments. I model & find
yours. present contract
expires Oct 1st 1878.
Please let me hear
from you and oblig
Yours
Hah McNeil

NY Sept 24/78

Dear Pat. I send you 3 pieces of covered wire. Will you please have them carefully tested for insulation and inductive capacity.

Yr JCR

T. A. EDISON. 6 7½ pm

Menlo Park, N. J., Sept 24 1878

Cable

Edison
Menlo Park New Jersey

Papers mailed yesterday Sewell gets funds october seventh
Can you include England get bonanza price for forming European Company provider invention worst

Puskas

Stparis
79

Edison
City Paris

Col Thos A Scott 4

Sept 24. 78

Pres't Penna R.R.Co Phila.

Mr Massey

who has been agent here for nine years has been serious somebody ~~for~~ [illegible] - any cause being stated.

~~Had~~ I shall like him to be restored ~~[illegible]~~ if not apparent by the interests of the Company. He has been very faithful and all life has been very much ~~[illegible]~~

Thos A Edison

4 Wt Pd N 809.

Recd Sept 25 1878

5

Sept 24, 78

Wm Ettinger

Jersey City

What is trouble with Hussey
~~I dislike a great poty~~ Should like to see him
remain,

T A Edison

110th

10 30 PM
Nov 9

(over)

T. A. EDISON. 1 10 57 a m

Menlo Park, N. J., Sept 25 1878

Jersey City Pa 25

T A Edison Esq

Mr Jackson Genl Supt wants this removal for canal which I am unable to fully explain

W Ettinger

16 W Yn G.

T. A. EDISON. 2 6 25 Pm

Menlo Park, N. J., Sept 25 1878

Edison

Menlo Park New Jersey

Cabled yesterday, can you include
england greatest advantage doing so.

Puskas

14 Paris
9 9

T. A. EDISON. 1

Cable Menlo Park, N. J., Sept 25 1878

Puskas Paris Impossible

Spoid

826
9. J.

T. A. EDISON. No Number

Menlo Park, N. J., Sept 25 1878

Jersey City Depot.
Sept-25-78

S. L. Griffin Menlo Park N.J.

Send carriage to
Union town arrive
there Seven thirty
Edison

8. P.M.

6 Hrs / to FJR

OFFICE OF

A. H. Eaton,

CHEMIST.

MANUFACTURER OF PRISMS, SPECTROSCOPES, ETC.,

65 HENRY STREET.

Brooklyn, N. Y., Sept 23th 1878

Dear Edison

I was sorry to miss you the other day, but will try again tomorrow. I have not finished up the small telescope yet as I supposed you would probably prefer something larger. I have an objective of six inches diameter - nearly 5 3/8 clear aperture, ready and the mounting is partly made. If you want anything of that size, let me know. The three inch which I

but you at the time of the transit of Mercury is an excellent glass, but unfinished, I can finish it up immediately if required,

The tripod that I sent with the telescope is a borrowed one, and the owner wishes to use it, and therefore I would like you to send it to me. If you would like to keep the telescope longer I will send another tripod to take the place of that.

Yours &c

A. H. Clayton

Dunedin Observatory
Anderson
New Zealand

NY Sept 20 - 78
Henry B Tompkins
and Sept 20-78

Sherman House, N.Y.
25th Sept. 1878.

Mr. Thomas A. Edison
Dear Sir.

I am from the city of Savannah, Ga., and greatly interested in you and your wonderful inventions; and, if not disagreable to you, design visiting Menlo Park on Saturday the 28 Inst.

Mr. Walter De C. Sterns, formerly of Georgia, but now

a teacher and lecturer in this city will accompany me to see your place. Mr. Stepins is a gentleman of very considerable scientific attainment, and a nephew of Professor Joseph & John Le Conte, of the University of California

Trusting that we may have the large pleasure of seeing you, and without any inconvenience on your part, I am with high consideration, very respectfully &c.

Henry B. Humphrey.

J. C. REIFF.

No. 52 BROADWAY.

New York, Sept. 25th 1878

My dear Edison -

I talked today with a party interested in the Comstock lode -

He says in the damp part of the mine they have had the incendiary from the heat - but it is in the new drifts where the air is dry that the thermometer runs up so rapidly & the men are so frequently relieved from work principally after they can I have arranged to obtain the exact temperature at the various depths & the various drifts of a number of mines as well as other information which I will give you as soon as rec'd.

Yours J. Reiff

ROBERT S. ALLEN,
M.A.C.E.,
315 North 3rd St.

Philadelphia, September 26th 1878

Robt S Allen
Phila
Ans'd Sept 27 78

Prof. T. A. Edison
Menlo Park N.J.

Dear Sir,

Yours of 23rd to hand and contents have my attention. My object in calling your attention to the new process of tempering steel, was to offer you the free use of the Patent for your individual purposes, supposing you had occasion to use a temper harder than any other, with an increased toughness which can not be obtained in any other known process.

If you should like to have it, I will be glad to forward you a copy of the specifications with my compliments. I am myself a close student of the branch of science you have made so famous, and if this can be used by you to further your ends I shall be too glad to extend the courtesy

at the same time beg of you to command
me in anything appertaining thereto.

I am Dear Sir
Yours Very Truly,
Robt. B. Allen.

Thomas Kirkly

P.S. I also send you a copy of "Light" which you may find some day.
I say little but I feel as much as I know.

Stevens Institute of Technology,

HOBOKEN, NEW JERSEY.

September 26. 1878

My dear Mr Edison,

After a silence which has lasted too long between two men who love sound, I think of sending you a copy of my little book, which ~~has~~ contains a little that might to make a noise with world.

I wish it were more of a return for the many kindnesses you have shown me during our comparatively short but pleasant acquaintanceship.

I regretted exceedingly that you could not have accepted my invitation to meet Lockyer and others at the Century Club. N.Y.

I will, as you say, send you two or three articles of mine.

Yours very cordially
Alfred M. Mayer

South Orange N.J. Sept 26. 78

Dear Mr Edison

This morning I had the pleasure of receiving your copies of "Light" and "Sound".

By this mail I send you an article on "Acoustic Repulsion" a discovery made independently by Prof. Dvořák of Agram in Croatia and by me. The reading of this article may interest you especially as in it you will see that I first of all obtained from

Prof Mayer

Ans'd Oct 14/78

Thank you for Crooks
song. they are splendid
that I wished every Goodes
were written in that style
sorry couldn't come over to
Elmwood yesterday it would
have required an 8 1/2 hour
19 cents hour & prorated
a hundred & out of the
for you = I had received
your paper on accounts
respecting to force, why
don't you get up a
good one yourself
Anything to make from
that wide keep the
back rooting

Somed picks what Crookes
in his radiometer attains from
the action of heat.

Yours letter about the
M. Heralds RR was duly
received, just on my return
from the Maine woods where
I and Prof. Langley had
been camping out. I found
my time so taken up with
the duties attendant on
opening my course of lectures at
the Institute, & I reason of the
accumulation of business during
my absence that I could not
serve the company as expert.

Yours very cordially
Alfred M Mayer

T. A. EDISON.

Menlo Park, N. J., Sept 26 1878

Mr Douglas
Furniture dealer
Newark N J

Where is my furniture
please send it immediately
T A Edison

4574
1500 Mw
9 Gm

The Direct United States Cable Company, Limited

16 Broad Street

New York 26th Sept 1878

T. A. Edison Esq.
Menlo Park N.J.

Dear Sir

I have much pleasure in handing the following telegram

Yours truly
Geo. G. Ward
Supt

"To Edison

"Ship me immediately one each your "recent inventions complete for organized system "of scientific special lectures thereon & subsequent "permanent exhibition. Barrett Clark etc enlisted "name price foreign patents tuning fork motor "have you forwarded copy voltage contract —

Gourand

Port Huron Mich Sept 27/78

T. A. Edison Esqr.

Dear Sir,

Whether you will remember me or not I do not know, though probably will by name. At any rate I venture at the request of my son Hal. E. McNeil of Detroit to address you.

He desires to make an arrangement with you if possible, to obtain from you an agency for the disposal in such way as you may deem desirable in this state of one or more of your numerous inventions. I am fully satisfied that he is well calculated to make such an enterprize a success.

He has an extensive acquaintance with the enterprizing men not only of Detroit but of the state, and to a considerable extent of the northwest.

He was four years in the army, af-

ter which he read law with his uncle the late U.S. Circuit Judge H. H. Emmons of Detroit, and during the time was entrusted by the Judge to a great extent with the management of his extensive personal affairs. Soon after his admission to the bar he was for two years Attorney of the Detroit & Lansing R.R. and was successful as a lawyer. He however entered into other enterprises and by judicious & energetic management at the time the financial panic, came on, he was possessed of property which was estimated at $75000 to $100 000. But owing to shinkages of values and the paralysis of business, and liabilities &c he is now ready to begin the world again with experience of the past. He has good address, executive ability, & many influential friends. The Detroit News papers are all friendly to him. And if you should make any arrangement with him, I am satisfied that he will honestly and faithfully subserve your interests to the best of his abilities.

Truly Yours
John McNeil

T. A. EDISON. f 1050

Menlo Park, N. J., Sept 27 1875

Edison Esq

Telegraph me Windsor what time
Can see you at Menlo Park tomorrow —
Matter business

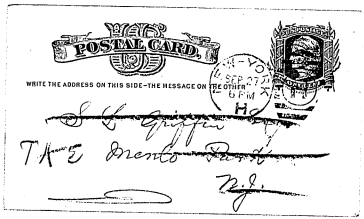
Yrs Cunningham

Rpaid
Jno G

Dr Greff — September 17

I arrived at last go another
Chill on at Jersey City & have
to stay over in town. Will you
please have $5 or $10 sent me to
help me along & am very anxious
address one care of Mr Gilroy 36
Islington Place Jersey and oblige
Yours truly [illegible]

Sent 10 Sept 19-08


POSTAL CARD.
WRITE THE ADDRESS ON THIS SIDE—THE MESSAGE ON THE OTHER
SEP 27
6 PM
Ho

ROBERT B. ALLEN,
M. & C. E.

Philadelphia, Sept. 25th 1878

My Dear Sir.

In reply to your valued favor of 27th inst. I beg leave to enclose herewith a specification of my Patent for Tempering Steel, which I hope may prove useful to you.

We have adhered and are now obtaining wonderful results from the process, and late advices from England speak of the same as marvellous.

Very truly Yours,
Robt B. Allen

To Prof. T. A. Edison
Addressed.

T. A. EDISON.

Menlo Park, N. J., ...187

New York 28

T A Edison M.S.

I have an important letter from preece will you be in monday. if not I will come out to Menlo Park to see you answer

G. B. Prescott

15 DH

Will be in Monday

T A Edison

T. A. EDISON.

Menlo Park, N. J., ...187

T. A. EDISON. Griffin send this to Ward —

Menlo Park, N. J., Sept 29 1878

Forward,

Have arranged put you and ~~other~~ strong parties here in light in England, Continent by courtesy goes to Puskas, Tell Adams discovered new receiver no magnet,

Edison

To Ward, Will come in and see you Monday if possible or probably some day next week, am even so much obliged to you for the facilities you offered.

Mailed to Ward Sept 27, 78

SUBSCRIPTION BOOK DEPARTMENT.

THE AMERICAN NEWS COMPANY,
39 & 41 Chambers Street,
NEW YORK.

Utica N.Y.
Sept. 29th 1878.

Friend Edison.

I didn't very much to leave New York upon my western trip without seeing you and expressing the satisfaction it was to me personally to know from the Press and to hear from our mutual friend that you had so pleasant profitable and honorable time all during your western scientific and and business tour.

I tried hard to get down to Meeks, but the injury to my leg and ankle was so severe that I was obliged to forego the use of it if possible, and as it was it delayed my getting off for two or three weeks. I may be away till the last Sunday in Oct.

I know that will get everything through that you can for friend Kenny. Your $80. note due 14th of this mo. is in hands of Mesrs. Sowers and Sowers who say Kinsey announced to the people the entire amt. which was a very great overmuch altho. Mr. Sowers hope already taken it up.

If not please do so as early as you can and oblige your friend

W. C. Quillen

NY Sept 30/74

J.A.

Are the Documents finished?

Can you send them now?

Has Harvey been reinstated?

JCR

House of Representatives,
Philada. Pa
~~Washington, D.C.,~~ Sept 30th 1878.

Thomas A. Edison

Dear Sir,

I learn from an article in a recent paper that you are the owner of a methods for raising water and conducting it over hills and valleys at a nominal expense. Will you please inform me whether by this process water may be raised to the elevation of fifteen hundred (1500) feet

through a ten inch pipe or larger, if it will do this, please inform me further what the cost would be for the machinery or outfit necessary to do this work, and also the cost of keeping it in constant operation.

I am aware that your time is much occupied, but you pardon my intruding as it is my desire to make use of the machinery or process if it will perform the work desired, and at a reasonable cost.

Very Respectfully
R. S. Chilcote
4703 Kingsessing St.

R. S. Chilcote

Attleboro Sept 30 1878

T A Edison Esq
Dear Sir

I wish to see you on a matter of business relating to your branch of Mechanics when will it be convenient for you to meet me at Menlo Park.

Very Truly yours
E H Barnes
Attleboro Mass

[FROM JAMES ADAMS]

Langham Hotel.
Portland Place, London.

Received Oct 25 78

Mr. T. A. Edison
Menlo Park N.J.

Dear Sir

if you have done anything with Electric light. I should not put it into the hands of Pushers at present give me a statement of prices for each country America included. cash cases I am sure I can do more with it than Pushers. got some new telephones to day from L. Clark. but have had to send them back for some slight alterations. but they are far finer finished than yours. I have also got automatic writers on them and vibrating bell for short circuit. heard from Pushers to day. but he dont say whether he has done anything with telephone yet. write me sometimes and let me know what you are doing telephones working in London hang up. I go to Birmingham end of this week with Prof. Barrett all is well

Jim Yours as ever

Royalty on telephones
in Europe humbug get
cash if you can
it is good enough in
America where you have
things under your own
nose. Get cash on this
side of the water
be sure and let
me know about
Electric Light

[FROM GEORGE GOURAUD?]

Dear Edison

with best wishes 1878

Then make Contract to Incorp & and work jointly - Expedite shipment new receiver - Forward & promptly all improvements -

Yours

Geo Gouraud

James J. Hamblet

EXECUTIVE OFFICE,
New York.

WILLIAM ORTON, President.
A. R. BRUCE, Sec'y.
A. S. BROWN, Sup't. 1st Dist., E. D.

Western Union Telegraph Company,

SUPERINTENDENT'S OFFICE.

WESTERN UNION BUILDING.

New York, Oct 1 1878

Thomas A Edison Esq

Dear Sir

I should be glad if you could accommodate me with the small sum we spoke of when last we met I called for the money as you desired and have not rec'd it. The Model is now here

Yours J. Hamblet

THEO: PUSKAS
1, Rue de la Bourse

Paris, le 2 Octob. 1878

Recevoir

My dear Edison,

As I cabled you some days ago I made arrangements that one thousand dollars should be paid ~~to~~ in my ~~name~~ credit to Serrell. —

I will cable you in a few days to let me know whether the money is paid by the tenth — otherwise I will send it by cable from here. I will send also the supplies if more is needed. — I made it one thousand because the first lot for which I paid in Newyork who twelve hundred fifty — including Spain at 300 — but now according to the new law in Spain the inventor has 2 years time to apply for a patent. — If you let me have a share in the additional countries too — for which we have the

telephone & phone patent, — please tell Perrell to cable me the amount and I will forward it at once with great pleasure. — If your invention is practical and only a little superior to what they have got now in electric light — there is lots of money in it, and patents ought to be taken out in every known country.

Do you know Werdermann's patent. — (I think he got his patent for England in June last.) — They say he found also the indefinit subdivision of light. — It is rumoured here that the London Gas Company paid him about a fortnight ago for his English patent one million dollars.

There is a very strong Company here in France for Electric light, — I had already a talk with the managers. — They are very curious to hear more about your light. We will get from them all the money we want.

Yours very truly
Theo. Puskas

J. C. REIFF,

No. 52 BROADWAY,

New York, Oct. 2nd 1878

Dear Sir

Have you read my postals regarding the Bmd St. Have you attended to them?
The gentleman now left his papers here today & promised to call tomorrow —
I have not yet seen him.
I have Gold closed telephone for you.
Don't fail to let me know when you feel ready to discuss Electric light.

Yr JCR

P.S. I hear G.B.P. estimates revenue for three in Quad & Boston, but agreed to settle for $250.000 —
There's music in the air!

Habana Oct 2/90

LA PLUMA ELECTRICA
V. F. BUTL
OCT 2 1890
HABANA

My dear Edison

Notwithstanding all your permits all my prayers, entreaties, advice, concerning me I am still without phones or graph, not even an autograph to console me — I only hear of you through the Scientific American & of your gigantic steps in Science. kicking up the stars &c. Have you perfected Cuba in your Patents &c.? there is a person here exhibiting the Phonograph. and another importing them from England. I shall be very pleased to hear from you if mid your many engagements & studies you will have time to drop me a line. I hope your lady & children are well also your good self —

Remain yours truly

F. Butler

R. Logan Bay

Batn, N.Y.
Oct. 2d 1878

Prof. Edison:

Dear Sir, Please let me know the price of your Electric pen & how soon you could send me one.

I saw a remark in the Tribune you spoke of having been with Calla Knox in the G.P.O. Telegraph office in 70 & 71. Mr Knox & Morris (remember) were generally as "Logan" & myself to suggest that your phonograph cylinder be made interchangeable so that a boy could carry it in a box & thus deliver his message.

Please let me know what you think of the idea. I am glad to see you are meeting with success. Hope the numerous "imos" will not turn out to be the only thing etc.

Yours truly
Logan Bay

New York, Oct 3, 1878.

Friend Edison:

Dr Eggleston's Church of Christian Endeavor, Brooklyn, E.D., is arranging for a course of lectures during the present fall and winter, and would like to give the people of that benighted region a genuine electric thrill. Are you in the field, or could you be induced to put yourself there for a proper consideration and come over and exhibit yourself and some of your startling inventions? If you can answer in the affirmative I should like to hear from you at the earliest possible moment.

Hoping for a favorable response, I subscribe myself

Very truly yours
F. B. Bennett
66 Cortlandt Theat, N.Y.

George B. Prescott
Electrician

Electrician's Office
Western Union Telegraph Company
New York Oct 3 1878

Thomas A. Edison Esq.

Dear Sir,

I enclose memorandum for boxing those automatic instruments of yours. If received please sign and return receipt. I also send you copy of memorandum for your signature. I have opened negotiations with the Secretary of the British Post office. Perhaps I shall have to go. Hope not. A man called today who wants to employ your telephone in Russia. Will call again Monday. What shall I say to him. — I am going to publish more on the electric light. What shall I say about you.

Yours truly
Geo B. Prescott

Write & say
that the patent for
Russia is owned by
Theo Pashas 1878
who now has telephones for sale.

[FROM THOMAS B. A. DAVID]

Memorandum

Pittsburgh, Jan'y 1878.

OFFICE OF THE
CENTRAL DISTRICT & PRINTING
TELEGRAPH Co.

Friend Edison -

Photograph received, but some fellow in the R.R. dept has a grudge at you, and broke your nose — Now of course I can't publish you to the world as a pugilist, worse of an encounter —

Yours.

My Oct 4 78
Prof Seeley
Ans'd Oct 7 78

New York
Cor Park Row
Oct 4th 1878

Thos A Cusenberry
Dear Sir

If you have anything of scientific interest for publication I suggest that you may find our Academy of Sciences a suitable and appreciative medium. You will be heartily welcomed at our meetings should you come to them - and you may find them some good friends. It will be a great pleasure to me to facilitate in any way your introduction to the Society

Although I am personally a stranger to you I have thought it proper to address this letter to you - for the reason that I took part in making you a corresponding

member of the Society and feared that you might not otherwise get a personal invitation to visit us. Also the fact that Union College named us at the same time Doctors makes it seem that we might easily know each other.

I use the opportunity to say that I am not the author of the articles in the Sun signed "P" about "Telemachus" &c. Much to my regret the impression has been made that I wrote them.

I am
Very Respectfully
Yours &c
Charles A Seeley. 37 Park Row NY

I should be pleased to see you here - the Convention lots of young

Say to Seely that if possible I will bring out something the next time before the Society.

Say that the Fellows in this name probably unknowingly owe me a debt for coming to the Wilbur

TVE

T. A. EDISON.

Menlo Park, N. J., Oct 4 1878

J T Murray
10, 1, 12, ward, ab.
newark

Come down tomorrow sure

T A Edison

400A

T. A. EDISON.

Menlo Park, N. J., Oct 4 1878

Joseph W Hussey
Merchants Ex Bldg
San Fran Cal

Have you rec'd Marcus letter Can you help him to amount asked for hotel answer free

T A Edison

16 NY
809 N

3 2 5
7 Pm

T. A. EDISON.

Menlo Park, N. J., Oct 5 1878

5 San Francisco

T. A. Edison

M.S.

Have not received letter
will reply fully on receipt

J. W. Hussey

9 PM

Express Note

To T. A. Edison Esq.
Menlo Park.
New Jersey -

From Geo. E. Gouraud
6 Lombard Street E.C.
London 5th Oct 1878

"Thiers" are making well here - shall hope to cable you of further business soon. You will be well satisfied with what I am doing & I think there is a fortune for the boys in England for each of you only by both Telephone & the Arc Light.

2

Express Note

To T. A. Edison Esq.
Menlo Park.
New Jersey -

From Geo. E. Gouraud
6 Lombard Street E.C.
London 1878

Our business here difficult it is to get anything made but I may give you a lot of work most important instruments at the earliest moment. especially with your Star Vision as I am told Bell & Co. are going to fight us. I think I may say.

3

Express Note -

To T. A. Edison Esq.
Menlo Park - New Jersey -

From Geo. E. Gouraud
6 Lombard St. London E.C.

Please! please!! please!!! answer my Cables more promptly & fully - & anything you want to cable me send what you have with a polite note to Ward asking him to "pay to Fuller for Gouraud" &c

I am negotiating with the first Bankers & Merchants to do business

4.

Express Note.

To L. A. Carlisson Esq.
Medno Park - New Jersey -

From Geo. E. Gouraud
6 Lombard St. London E.C.

Clarin Lyle. Don't be sentimental about Parker, of whom I have but a poor opinion after my experience with him. But if you must take him in I hope you will see your way to putting it in his & my hands jointly for the Continent - but he alone

5

Express Note.

To L. A. Carlisson Esq.
Medno Park - New Jersey -

From Geo. E. Gouraud
6 Lombard St. London E.C.

in England if you can. I will pay all the money for galleries or.

Keep me fully advised of your movements & you shall not be disappointed in the results. I promise you. Take care of yourself & don't let too many pies

GEG

Torpedo Station
Newport R. I.
Oct. 7th 1888.

Thomas A. Edison Esq

Friend Edison.
I enclose a small
box of pens I invention-
thinking that you may
like to use it for a
tracing point for
one of your phonographs-
I have for some time
been intending to
send it to you - but
have neglected to do
so - I think it
will answer better than
steel - or to be like

inferior to a Ruby — because it is stronger —

While it is not tough & will not bear bending — still it is not as brittle as a jewel —

It is one of the bars that I have used for experiments on Electric light —

It gives off much more light when during Platinum — because it will bear a higher temperature —

I will not however withstand a degree of temperature as well as a similar carbon bar in vacuo or in Nitrogen — I have obtained as much as 100 to 125 Candle light from a 3mm rod of platinum — fine or the hundred or even more from Iridium — & over 1000, from a 3½ rod of Carbon — This latter is the most promising — when heated brightly from oxygen either in vacuo — or in Nitrogen —

When you will give me Monographs to hand — shall you Roll or cut them? If you roll, others will only cut 3½? —

Would you lend me one of your Carbon

Telephone for a few weeks? I could go alone but my Charlie Crane Telephone for a few experiments — the Bell people have Company. We help a dozen or more for experiment — I have contributed them with different resistance, 5 ohm, 50 — 150 — 600 ohm — I with my pair I connected through 600000 ohms readily — I could hear with a shunt on the receiver which took off half the current — All body who hears is impressed with the power if you are making progress time is offending relief a deaf people.

Truly Your's,
Mrs E. Tessner.

insert 7

JARRETT & PALMER,

JOSEPH H. TOOKER, Business Manager

Booth's Theatre Building,

OFFICE
Steamer PLYMOUTH ROCK.

NEW YORK Oct 7 1878

Professor Edison

Dear Sir.

Kindly say when and where I can have an interview with you on a matter of business

Obliged Yours Truly

Henry D. Palmer

replied come any day
on 2 o'clock train
5

T. A. EDISON.

Menlo Park, N. J., Oct 7 1878

Mr D Jordan

Don't fail to come Wednesday

T A Edison

SDH

TAE
Sy

NY Oct 7. 78
G M Hopkins
and Oct 8 78

OFFICE OF THE
Scientific American,

MUNN & CO., Editors and Proprietors.

No. 37 Park Row,

O. D. MUNN,
A. E. BEACH.

New York, Oct 7 1878

Mr. T A Edison

Dear Sir

Will you give me the address of such of the following as are living and if any are not living, please indicate it

Sir Wm Thompson

Preece

Hughes

Jablochkoff

Siemens
Bunsen
Holmes
Gray
Bell
Gramme
Du Moncel.

Please also give me the names of a few other eminent electricians who are also writers.

If you will take the trouble to reply by return mail I shall be under very great obligation

Yours truly Geo M Hopkins

(Oct. 7, 1878). (1873 - Correspondence - Telephone Controversy)

T. A. EDISON.

Menlo Park, N. J., 187

Write Barrett & say I will send him some more apparatus for his lecture. Say that the statement of Hughes that Clerac made resistance tubes with Carbon the resistance being varied by pressure and which were said to have been used to regulate the resistance of telegraph lines cannot possibly be true for the reason that ~~any change~~ the amount of resistance that would be thrown in and out of the line by the diffusion of pressure would be so small as not to be detected by any apparatus worked on telegraph lines, that I have tried tubes of every sort & charged with Carbon in every degree of ~~from~~ division & no more apparatus would detect the change

T. A. EDISON.

Menlo Park, N. J., 187

~~that~~ the thing was an afterthought on the part of Hughes and one which fortunately can be proved untrue, undoubtedly Clerac made tubes filled with Carbon that were adjusted to 50 10 500 ~~ohms~~ any number of ohms but that he filled tubes with Carbon & obtained those resistances by varying the pressure, could not possibly be true in 1876 if it cannot now be done, ~~I believe that it cannot be done~~

Nothing has ever been published that I can find where this charge claimed ~~claimed of Hughes was out of the~~ Regarding Mr Preece, None of my letters in the public Journal accused him of anything but abusing my confidence, which he did from what cause I cannot imagine,

when I said abusing my confidence I did not imply that he gave to Hughes any ideas, But that he had abused the confidence I placed in his promise that he would bring ~~[illegible]~~ my Carbon telephone before the authorities & scientists there, a result which I had hoped for and which I sent him one of my assistants with telephones, I gave him every chance to explain matters because in My first telegram which was widely published, I said, "If you do not set the matter right I shall act accordingly," after waiting for some time, and receiving no reply, I then wrote the letters. The hard words spoken of ~~[illegible]~~ came

mainly from newspaper reporters who sympathized with me especially as nearly every scientific man here whom these reporters saw gave the opinion that there was no difference between the Microphone & telephone. You will notice that my letters are made up mostly of extracts from printed publications while Hughes replies are insinuations & statements having nothing to do with the controversy. In one statement he says my opponents was enabled to make it did not work well that an induction coil had to be used, (~~that at such~~ one week afterwards he applies an induction coil to his device to make it speak & write to that effect) He then charges to a friend proper — Clerac in makes a statement that an

T. A. EDISON.

5

Menlo Park, N. J., ... 187

account of it was published in the Journal Telegraphique of 1873, ~~which, this is not a word about it~~ & insinuate that my tests in 1873 was a singular coincidence, yet not one word is found about it in the Journal Telegraphique of 1873,

I am quite willing ~~to let Mr Preece~~ to explain matters when Mr Preece shall come out before our society of Telegr Engineers and explain Scientifically the different principles of the Carbon Telephone & Microphone,

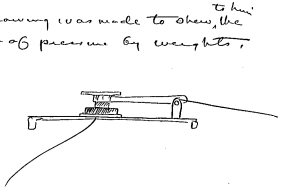
It may astonish you when I state that I have a piece of paper with sketches of my own and Mr Preece when he was here in the laboratory in which an instrument is drawn precisely the same as is sold by one firm in London as the Hughes Microphone

T. A. EDISON.

6

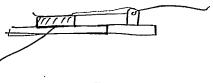
Menlo Park, N. J., ... 187

This drawing was made to show to him the effect of pressure by weights, thus



~~Here is a sketch of my receiver & [illegible]~~

Again the London Engineering left out of the article I sent them the Cut



And kept all the others in probably because it looked too much like the microphone, again they

left out the paragraph where I said I used conducting sulphides, oxides, finely divided metals ~~[illegible]~~ also ~~[illegible]~~ paragraphs about the non use of a diaphragm but in every case giving credit to Hughes for just what they suppressed from the article. Now the ~~[illegible]~~ Editors of Engineering could not have any obgreat in suppressing these paragraphs and both Mr P & H had hence I cannot but infer that it was their handiwork, if so why was this necessary if everything was as they claimed, ~~The fact of the matter is~~ If prior publication is ~~of~~ no use what protection has any scientific man ~~against~~ ^ [illegible] ~~such matters as this, against a person who [illegible] the journals and disregards~~ ~~[illegible]~~

Excuse me for writing so long a letter but I feel very grieved over ~~this matter~~ Preeces failure to understand Hughes work and to defend me, or at least explain and also at his subsequent action, He must have known that I was the first to use finely divided conducting matter to translate sonorous vibrations into electric waves, exactly what Hughes did,

The Motorgraph action was discovered by me in holding my finger on a tin recording point of a Bain recorder in 1872. ~~Motograph~~ ~~a lever was ob[illegible] in 1874~~ a machine was designed & made in 1874 whereby vibrations were obtained, levers moved etc,

The Bell telephone was made an used by me in 1875, before Bell had invented his. I used several of them for receiving musical vibrations but Bell had the merit of discovering that such Receivers would act as transmitters, ~~[illegible]~~ this is the point of the litigation in the patent office at the present time.
TAE

Mt Carmel Pa Oct 7th

Mr T. A. Edison

Dear Sir

Received a letter from you few days back in relation to an explosion of some kind. I am sorry I think I know enough of over writing your a letter. Perhaps there is some other Jos R. Burr in this Pennsylvania by P.O. or else what you mean. Yours

Jos R. Burr

Mt Carmel Pa

J. A. Edison Esqr

Dear Sir I wish to inform you that I do not desire the [illegible] before going. Yours truly

Wm. [illegible]

JAMES PARTRICK. FRANKLIN S. CARTER.

Partrick & Carter

PRACTICAL TELEGRAPH [illegible] and ELECTRICIANS,

MANUFACTURERS OF AND DEALERS IN

TELEGRAPH AND ELECTRICAL INSTRUMENTS and SUPPLIES.

No. 38 South Fourth Street,

Manufactory: 610 and 618 Filbert Street,

OF EVERY DESCRIPTION.

RAILROAD SUPPLIES

Philadelphia, Oct. 8 1878

T. A. Edison
Menlo Park N.J.

Dear Sir - Your telegram received. We are glad to hear you will be in Friday & will settle all things. We have been so busy we haven't had much time to return in the Telegraph & others but we have got by any means thousands thru in the back ground, will in a few days take them up and push them through.

Yours Truly
Partrick & Carter

Jackson Mich Oct 15th 7

Dear Sir

In my lectures I am often asked by deaf people can we buy one of Edisons ear trumpets and if so what will they cost? What can I get them? Can I purchase a set of your carbon telephones and the Megaphones to use in lecturing in connection with schools. I wish also to get an electric light for the use in my art & licons. Can you furnish me such & what will they cost?

Very Respectfully Yours
Dwight Kellogg
Jackson Mich

P.S. I have written to the Edison Phonograph Co for prices on those instruments

T. A. EDISON. 1

Menlo Park, N. J., Oct 8 1878

Col Lewis Cass
33 Bury Place 37 Jly
Accept my letter before
visiting
S L Griffin
Opinion
9.30 Dim
9 Dr

T. A. EDISON. 1 1010

Menlo Park, N. J., Oct 9 1878

Edison
Menlo Park New Jersey

Has Sewell received funds
yesterday if not cable
Puskas

12 paris
29

T. A. EDISON. 1

Menlo Park, N. J., Oct 9 1878

L W Serrell
70 Chambers St
NY

Have you need funds from
Puskas Edison

6 NM

10 15 am
9 NT

T. A. EDISON. 2 1050

Menlo Park, N. J., Oct 9 1878

NY 9 T A Edison

No L W Serrell

1 NM

T. A. EDISON.

Menlo Park, N. J., Oct 9 1876

Puskas
Paris

No

3 Paid

4.10
9-8

T. A. EDISON.

Menlo Park, N. J., Oct 10 1878

Cable

Edison
Menlo Park New Jersey

Money paid fifteenth will that do
Cable

Puskas

Paris
209

Puskas Paris

Better Cable money
through Drexel Harjes

T. A. EDISON.

Cable

Menlo Park, N. J., Oct 10 1878

Quackenbos - Paris

Better Cable money through Drexel Harjaes

8 Menlo Park
#608

7½ pm
9TY

Banker
Ans'd Nov 3 '78

University of Pennsylvania
Philadelphia, Oct. 10. 1878.

My dear Edison:—

On looking up the subject of titanium, I find that it has never been obtained except in the form of powder, in which form the dealers in rare chemicals sell it; as you will see by the catalogues of Trommedorff, Schuchhardt, and Karlbaum which I have mailed you today. Since it decomposes water at 500°, it must take fire and burn to oxide at a red heat or less. I think silicon is better than titanium, for light. As to Rutile, there is a mineral dealer here who I think would supply you. If you say so I will get the price from him. If you only want a small quantity, I think you had

better buy the titanic acid already made. This can be converted into titanic tetrachloride, and the vapor of this passed over heated sodium to obtain the metallic titanium.

I sent you yesterday an ounce bottle of chemically pure oxalate of cerium, precipitated from an acid solution by oxalic acid. If you want more, I can send you another bottle. I would like to know if you find it any better for your purpose than the commercial oxalate, which contains Di and La.

How does your new light come on? Mr. Bentley called me on the telephone yesterday and introduced me to a Mr. Wise of the Permanent Exhibition here, who told me that Brush's machines were not giving satisfaction, and he desired to know about your invention. I told him your expectation was to make it public in a few weeks and that you had promised it to me for my lecture on Nov. 14th. I told him he ought to go over to N. Y. to the American Institute and see how Wallace's machines worked lighting up that building. By the way you were over there last night I heard. What success has Wallace in lighting up? I believe his machine is the best in this country yet and I should like to see a comparative test made between that and the Siemens machine.

Speaking of Wallace, I felt a little sorry for him when you told me the arrangements you had made for putting your new light on the market. I wish you had let him know of the plan, so that he could have gone into the company on equal terms with the men

whose name you gave me. He is a capital fellow and an honest man, and I should like to have him have a chance in your new method of lighting. So soon as you can spare one, I hope you will send me one of the new lights to experiment with with my Gramme machine in preparation for my lecture. You know I am expecting you and Bachelor over to help me show that new light.

Can you tell me where the cap is for the cone of the talmelet I have? You had it in your bag.

I enclose some papers of yours I had & a letter which came to Mr. B. after you left. Draper would like your Talmelet paper in the form of a report to him. May I make the change? Ask Bachelor to send me those things soon. With best wishes

Cordially yours George H. Barker.

Prof Eaton
Ans'd Oct 11 78

OFFICE OF

A. R. Eaton,

CHEMIST.

MANUFACTURER OF PRISMS, SPECTROSCOPES, ETC.,
65 HENRY STREET.

Brooklyn, N. Y., Oct. 10th 1878

Dear Edison

The telescope was just received by express. It reminds me of your inquiry regarding a large one, of about 6½ inch aperture, which I have partly done, and which I referred to in my letter. I have the objective made and the tube. The objective, by itself, mounted in a cell, is worth, at a low figure $350. With tube 4 celestial, and 1 terrestrial eye-piece, & diagonal eyepiece $395.
The cost of stand and equatorial

movement would vary of course considerably. The simplest equatorial mounting without graduated time & declination circles, would be $50. for an instrument of this size, the with circles complete, and all the accessories, but without clock movement, $350.

The instrument complete of this size and mounted solidly as an equal class observatory, with clock &c &c could not be put up for less than $1000. i.e. with the mounting highly finished in brass.

Perhaps you would prefer to mount the instrument yourself. I could furnish the telescope, alone with eye pieces, for a little less than the amount named (~~$350~~) I have something somewhat in this kind I think would answer well for your custom buttons, will send, some if you would like to try it

Yours H. H. Eaton

LAW OFFICE OF

WRIGHT & McCALL.

Stevens Block.

WM. B. WRIGHT.
ALBERT McCALL.

Port Huron, Mich., Oct. 10th 1878.

Friend Alonzo, — Your scientific societies of the old world, and mankind in general are tracing up their roots in your honor and as Prof. Edison — Uncle & used to call you "Al." in the old days when we worked together Saturday nights, editing life and working off the Blowhard, and I take the liberty of using the old familiar title. By the way, if we had only known which or what you were going to break in the world — think I would little think I have been among a more classical crowd and been a trifle honored elevated in store. When I was reading the other day of your performance for a crippled child I wondered if anything I had written to you and, then our bologna sausage sandwiches did to your taste. Were our serious & comical incidents of connection with the drivers and jokes contained in that spicy little paper — which would, I think, make you smile if I reminded you of them, tho you probably remember them well. Well, Al, the world has honored you gloriously — and I feel have been more pleased over your grand success than myself. If by any possibility there exists a little higher round on the ladder, I feel only a little higher, tho have no doubt you are sure to reach it.

For myself, I dealt largely in real estate — financial myself worth thousands of dollars, tho I was largely in debt when the

praise struck. Since then in paying taxes, interest &c, occasionally making sacrifices in order to get rid of indebtedness — I have struggled along, until to-day I find myself — having little or nothing — but with worth two dollars. I even had to file a petition in bankruptcy — not to defraud any over such of a cent — but merely to leave myself a clean picture by cutting off possible judgments for deficiencies on mortgages earlier assigned and endorsed by such years ago, and fairly secured.

Now I want to ask a favor of you. If you can do it without financial inconvenience to yourself I shall you to lend me $50.00 and let me repay you with interest as soon as safely as date as I possibly can. In spite of bad luck, which a request of this nature might suggest, you can easily satisfy yourself, all that I am such in the habit of borrowing any sid distinctly. Every friend I now have knew is either my friend, that the world has of late dealt harshly with them too — as they feel sadly some as hard as myself. The sum I want to borrow from you would be of merely more inconvenience to you than — friend from old acquaintances and with the future clear — than ten times the amount a few years since. I think there is a fair chance of my being elected prosecuting attorney for this county, and if so could pay you more promptly than otherwise — but in any event you would get good pay since — even in case of my defeat, as I carry life insurance sufficient to provide for my family comfortably, amount to paying my debts in full. I cannot bankruptcy first not indeed I have no security to give or offer, but personal ability and integrity. If you

7.

LAW OFFICE OF

WRIGHT & McCALL.

Stevens Block.

WM. B. WRIGHT.
ALBERT McCALL.

Port Huron, Mich., ... 187

can help me, do so, as for old acquaintance sake, as I am in need of it just as present badly. But if you can not just drop me a line anyway — and above all, all, be just and generous enough not to attack personally or meanly of me because of my application to you. I have not contracted a great liability for upwards of two years — luck am down to extreme hard pan — have temporarily in mortgage assd, and scarcely know of one I could apply to with fair hopes of help. Id send you my concession made a couple of days ago containing a short synopsis of wind, not potential. With kind regards and best wishes — awaiting your reply, I am Yours Respectfully, W. B. Wright

Ref. A. Edison
Menlo Park

October 19

T.D. That portion of Armament in this district the matter is referred to Examiner. I have communicated with him the possibility of accomplishing the vessel. I have has brought to attention of Bureau of Marine Products from Europe, who is anxious interested parties to know in plan when ready to claim.

J. F. K.

N Y Oct 10 79
Miss B V Fitzhugh
and Feb 15 79

Inst for D & D
Station M
New York City
Oct 10

Mr. Edison

I write again to enquire about your Ink. I have been puzzling my own brains for the two last years to get up something of the kind for the use of my pupils who are deaf, dumb & blind. So when I heard of your invention I was delighted. I sincerely

hope you will be successful & that you will let me know where I can get some of it as soon as you can. My work is very hard & exhausting & such an ink would be a God send to me & to my pupils.
Hoping to hear from you very soon
I am
Very Truly
B. V. Fitz Hugh

Oct. 10th 1878

Unfortunately the Ink is composed of a Concentrated solution of Arsenic Acids. You must be careful with it & am trying to get a harmless substitute -

T. A. EDISON. 3 10 5 Pm

Menlo Park, N. J., Oct 11 1878

Edison menlo Park New Jersey

Cabled Jewell today through
Drexel the thousand grams
of more wanted Cable

Pushes

16 Paris
wy 9

W. Fraser Rae

Reform Club
Pall Mall: S.W.
London.

Thos. A. Edison Esq.
N. York.

11 October 1878.

Dear Mr Edison,

I have just returned to London, though I landed in England several days ago. I had to hurry through New York on my way from the West, consequently I was unfortunately unable to avail myself of

Return me to my address
W. Fraser Rae

Patents in order I should be glad to
Co-operate with you in getting your
System duly introduced & appreciated
here. I think that I can be of
some service to you in that respect
& I can assure that I should be happy to
aid you in getting fair play &
adequate profit on this side of the
Atlantic. If you will communicate
with

If you have any instructions to
call upon him, I do
not hesitate to
a Chat with you upon
& the same of your
wonderful invention.
I the that you have
made another which is
as wonderful & which will
& form as useful as
any. The application of
electricity to light houses
will effect a revolution
in those illumination.
When you have got your
Patents

Mr

with me on the subject, I shall expect that arrangements might be made in your interest.

During the single day I spent in New York, I failed to find Mr. Fox, so that I was again disappointed in renewing a most pleasant acquaintance which I made at Rawlins. I hope, however, that I may meet both Mr Fox & yourself some day or other. With all good wishes

Mr Francis Lippitt
Providence R.I.
Mr Appleton
Mail Paid W

JARRETT & PALMER,

JOSEPH H. TOOKER, Business Manager.

Booth's Theatre Building,

OFFICE
Steamer PLYMOUTH ROCK.

NEW YORK, Oct 11 1878

Professor T. E. Edison

Dear Sir

Your note received. I will endeavour to come over by the afternoon train one day early in next week as I very much want to see you on a matter of business.

Yours truly

A. D. Palmer

George B. Prescott
Electrician

Electrician's Office
Western Union Telegraph Company

New York, October 11 1878

Friend Edison

We are about to order an additional lot of telephone receivers, but before doing so would like to know what progress you are making with your new receiver. If you are likely to have it out soon it would be better for us to wait for it, or to order a small lot to cover our immediate wants.

My new chapter on Electric Light is nearly completed. If you wish me to say anything about your work in this direction let me know what, as soon as you can, because I want to finish the chapter, and electrotype it before going on to your experiments in telephonic matters etc.

I ordered your material as requested and sent you out of the latter which I presume you duly received.

Now I assign half of my quadruplex patent to you, according to agreement of August 19. 1874, or shall I assign the whole of it to the Company? I will do as you wish.

Mr Nicholson was here yesterday and says he will show who invented the quadruplex first when he gets before the Patent Office.

Yours truly
Geo. B. Prescott

Innsbruck (119 Im Stx.)
Octb. 11th 1878.

Prof. T. A. Edison
Menlo Park
N. J.

My dear Sir,

Still without the pleasure of your letters I come to thank you for the several newspapers sent to me by your Secretary during your absence West.

Since my writing to you last, I recd. the offer of a Phonograph from Vienna which as was told me, had been left at an Insurance Office as security for a debt by an American Gentleman coming from Paris. As I had no reply from you to my several letters, and was anxious to secure an instrument illustrating your valuable invention of "Photographing Sound" as I call the art of Phonographing I sent the money to Vienna, got the Instrument safely sent on. I am sorry to say, I am disappointed in its performance. The grating of the needle on the tinfoil is so loud, that it covers all other sounds. In short I think the Paris

Manufacturers are doing their best to get Edison's Phonographs into disrepute.
They sent me from Vienna a little book, called "le Phonographe expliqué à tout le monde. Edison et ses inventions. Par Pierre Giffard Edition illustré de 3 gravures. ~~Paris~~, Maurice Dreyfus Editeur. 10, rue de la bourse ~~10~~ – Paris –
I hope you have one of these little books and see on the first page the picture of T. A. Edison! Is it possible that your friends in Paris allow such a figure to go among the public? And then the contents –
It is no wonder, that the Phonograph itself is getting into disrepute and one of the most useful ~~the~~ inventions of the age gets into ~~disrepute~~ disrepute, and is looked at as a plaything for children!
The instrument was sold to me for f 120.– by M. Jos. Hönigschmid who is connected by thanks with Mess. Jurisch & Leopoldey (60 Erdberger Street) Vienna who are manufacturing electric Apparats of all kinds, & are probably M. Puskas agents.
There are number of things that should be told to the purchaser of your Phonographs, as for instance:
How many turns should the Cylinder make a Second or Minute.
How strong should the needle be and how pointed?
How thick should the Spring be that is depressing the needle?
Should the needle touch the Stamiol when no vibrations are given?
How is the Stamiol to be fixed on the Cylinder, so as not to overlap & thicken the place where the 2 ends join.
What kind of Carton-funnels to convey the vibrations outside should be used?
Of course, I shall experiment during my few hours to find out what I wanted, but I should like to hear it also from you.
I have also tried a Couple of Megaphons made of paste-board, slips, as published in the Sc. Am. but get too much outside noise (river or stream sounds) being very annoying.
Have you succeeded in getting the Megaph. reduced in size? I am continuing my experiments with these Monsters in order to have them adopted by the army.

You have promised to send me a few of your loud speaking Telephones for my mines, but you seem to have forgotten about them.

How are you progressing with your last improvements in illuminations? Please let me know something about this matter, as it interests me greatly.

Wishing you best success in your inventions & happy to hear from you again, I remain, dear Sir,

Yours Truly

A. L. Henry

P.S. The transfer of power to Electricity and its use for heat, light and motion has interested me for many years past; it would be of great value in mining if your Electric pen could be made to move the chisel and the borer. Please let me hear more about it. This town has a 40 h. water power at her disposal & cl use it to light up the town. Have you read abt. Regnier's improved Electric lamp? Again I remain

Your devoted

A. L. Henry

Sandbach Cheshire
Oct 11 78
Answered Nov 11 78

Mrs. S. Jordan
1057 Pm

T. A. EDISON. 2

Menlo Park, N. J., Oct 11 187

Whitestone L I 11
T A Edison

I am on the way left here
twelve twenty

S Jordan

9 12 13
W Y 9

Boston Oct 12, 78
C. R. Richards
&
Amst Oct 14, 78

30 Hanover St
Boston Oct 12, 78

Thomas A. Edison Esq
Dear Sir

Will
You help me work out a little
Conundrum? It isn't much,
I only want to magnetize a
Surface two feet square and
am even satisfied if it is a
little less. I have consulted
Moses G. Farmer, Prof Pope,
and some less than a hundred
others, and they all give it up.
So do I unless you can help
me out.

I cannot use magnets exceeding
two inches in length but don't care
whether I use one or one hundred
providing I can get a uniform
attraction at all points on the

surface. I would not trouble you but I am thoroughly imbued with the idea that it is possible, and I have no doubt you will be able to suggest a way if you really set about it.

If you do I will pay you well for your trouble.

Yours Reply

C. Richards

P.S. You will remember me as connected with the old Automatic when you was at Newark

[FROM JAMES ADAMS]

London Oct 12th 78

Edison or Batato.

Dear Sirs

regarding my first telegram on the light pattents I will tell you how I came to send it. I was invited to see an experiment with the Jablochkoff light at Messrs. Wallis & Co.s Commercial Iron works Shoreditch. there was very few there known me except L. Clark and a few others. I soon found that the Edison light was

was in everyones mouth, and
I would stand an hour wh
every one had to say and how
ow. some thought there was
something in it and others
thought it was a trick at
last I came on two gentlem
that was talking about Edis
and I had to stop and hear
what was said of course
one fellow said I have been
working on Electric light
for the last year and Edison
discribtion corresponds with
just what I have been doing
I use a direct current and
when the current is on you
have the light and when
it is off it is out and ready

light again, and I can put
as many in circuit as I
like. and nothing to consume
so all I want is to get a
Wallace machine Edison says
that is the best and steam
power. for I am afraid that
Edison gets in ahead of me
so the other fellow says I
have got both a Wallace
machine and a 20 horse
power engine. and we will
try the Experiments tuesday
night taking the place
and if it is anything in it
we will loose no time in
taking the patents out. as
I am not known to the
man it is likely that I

may get in or find out what he has got.

The Birmingham corporation was negotiating with the Bell tel Co at the time I went to Birmingham so when they heard the Edison tel. of course they would have nothing more to do with the Bell. so that is what has made them get there back up so quick. and they have went for Blaky Brox co Halifax near Manchester I wrote to them to keep right ahead and make everything complete with

(4)

the exception of the receiver and they could make that and send me the parts and I would put it together. The South Eastern railway and the L North Western will both adopt our telephone as soon as we can let them have them. They have both very kindly give me the use of there wires for experiment. I hope you will delay no time in forwarding all papers necessary

(5)

for the protection of the
Telephone patents I can't
afford to stop and don't
intend to stop. I have
never read that Book
of Prescotts yet.
I am getting along
first rate it is needless
to say that everything
is sick and working
red Hot.
I have never read a
new telephone yet but
what the connections were
wrong somewhere
Kindest regards to
all I am yours as ever

The Direct United States Cable Company, Limited.

16 Broad Street

New York 14 Oct 1878

Reid Edison.

Have sent your Cable today.

Captain Mayne one of our Directors wants to make your acquaintence, when can you see him? Will you meet him here. if so, when? make an appointment

and mind & keep it!

Hear you were in town today.

Answer this by return. In haste.

Kind regards.

Yrs &c

Ward

Oct 14 78

Reid Edison

Copenhagen Oct 14th 78
Madsen
Ans d. Oct 31 78

Copenhagen, the 14th of October 1878.
H. Gamle Kongevei.

Professor T. Edison,
Menlo Park.

Dear Sir,

In return of some papers which I had the honor to receive from you, I had the pleasure to send you a treatise & papers dated. I hope have come duly to hand. – I now take the liberty to write you on an other subject. In case a month, you should find it advisable to have an Agent for the Scandinavian Countries, Denmark, Sweden and Norway, I beg to offer you my service. Residing in Copenhagen I have from my position in the Great Northern Telegraph Comp. and otherwise a great amount of personal acquaintanceship in Denmark, as well as in Sweden and Norway, and also in Russia (St. Petersburg), particularly in the telegraphic sphere and among leading firms and

officials. If you should find my proposal acceptable I shall be most happy to hear from you.

Cordially offering you my colleagual congratulations to your new inventions in regard to the electric light and enclosing my card, I have the honor to remain, dear Sir,

Yours most obedient and faithful

C. L. Madsen.

C L Madsen

References:

the Danish Minister and Consul General in U. S.
His Excellency Hegermann-Lindencrone
Washington.

the Danish Minister in England.
His Excellency General Bulow, Dr. jur.
London.

Please Refer in the Reply to Our Number, Also to the Date of this Letter.

D. H. TALBOT, D.S.T.

General Land Scrip and Warrant Broker,

Will Buy and Sell all Classes of Land Scrip for Location upon Government and State Lands, Railroad, County and State Bonds, Obtain Bounties and Pensions, Purchase Imperfect Titles, and do a General Land Business.

Sioux City, Iowa, Oct. 14 1878

Thos A Edison Esq,
Menlo Park. N.J.

Dear Sir. Arrived at home at last. and I find that in the increasing of my business relations I am compelled to enlarge my offices, which necessitates the obtaining of more valuable light. whether by oil gas or electric. having learned that you have made an improvement in the use and distribution of electric light since we showed at Sacramento would ask. If any improvements including such improvements have as yet been made - and now offered for sale, that I may become the possessor of one. though not knowing. if in a financial point be of any advantage to me.

I am quite desirous of placing in my

office of which I have some five rooms.
lay electric light. I will thereby be in
advance of any other in this section
and desire so to do in all my connections
and transactions. If you can advise
me. it will be gratefully read & knowing
full well your appreciation for new ideas
and the cultivation of each. & peer to hear
from you on this subject. thought I hope
you will pardon me for asking even
this. by the encroaching upon your obtain
valuable moments.

I am in hopes your trip with Prof Barker was in
every way a profitable and pleasant as well as profitable
for my part I have never made new an & lucrative
tour. 10000 miles. was my count. I have read
a letter from Prof Watson & Dr. who evidently enjoyed the
trip through Colo. and who informs me of the discovery
of two Vulcans instead of one. he first supposed
those planets I am pleased and proud to have been the first
and the American to have been the discoverer
I send you to day a paper giving my act of the eclipse
through this region. the photographs spoken of are as I
looked at the sun and the article publishing in Cincinnati for
a Western paper. Wishing you success I am truly yours
W. H. Pettit

Oct 14-78
To forward E Light &c
Re Letter
Book

Mr. Dear Colonel

Read Gordon Cable despatch about Bell people putting an injunction on our receivers with magnet. I cannot see ~~the point~~ their claim how his patent can be sustained because the instrument as shown in his patent is not the one he uses. The one in the patent being inoperative; however it is perhaps best that Bell's patent should be sustained because if left open to the public it might damage our. The new receiver removes all question of patent rights in any Country. I have several here in operation but am waiting to see if there are any defects, before sending to you. The moment I am satisfied I will send. The new receiver is such an enormous advance in Telephony that you will be astonished. Bolstaler last night heard ~~the~~ whispering when 14 feet distant from the receiver. Ordinary Conversation comes out about as loud as originally spoken; and but one call of Collard Gally is required. ~~When you have a local speaker &c~~ In fact with the Carbon Transmitter & this receiver we have the Control of Telephony for the future. So be careful. ~~Re~~ Electric Light &c You know I telegraphed you that I had put you in with some strong parties here on light. So you will be counted in but I can make no arrangements as I am committed to parties here. -

In this Country W H Vanderbilt & friends have taken it advancing $50,000 Cash to experiment with, and giving me 1/2 of the stock of the Co besides paying a royalty of 30 000 yearly. I am having five engines with my improvements in a 50 horse power Engine & lot of Electric Machines, for experimenting, with it.
British patent was sent last week.
Private. Parties after light in England, are G S Morgan, & Reed the English Naval Officer Conducting in Connection here with Chauncey Depew & Col Carr, also Emil Erlanger Paris Banker, who called, This information is private.
Pls understand that in any arrangement I make you are to be in because I consider you as my representative there,

Have received no papers as yet about telephone & Central System here grand success.

E

if you wish only let us talk about it in time.

Have not received the Tarwinds.

The Museum here has not received your first photograph.

We are both gaping for the fulfilment of your promise.

Now please send me all your novelties while they are red hot. Otherwise a photograph of you like the one you gave the cricketers for.

Believe me
Sincerely yours
Thomas Huxley

Oct 15.

My dear Edison,

I was so sorry to miss you after your return to N.Y. Why did you not come to the century? We may despair hope we meet until you are very good.

Thanks for the cuts for Nature but I want you to let Nature have the first say about your things. And almost the last! What in thunder is this new yarn about atoms? I have just bought (some say shares) but I am behind hand to go in for the universal bust. Keep clear in Nature

Lockyer
Norman Lockyer
Aust Nov 1, 78

A. W. DIMOCK. E. N. WHITON

Office of A. W. Dimock & Co.

7 EXCHANGE COURT.

New York, Oct. 16 1878

Friend Edison

A couple of friends of mine are very anxious to meet the inventor of the Phonograph &c. One of them is a son in law of the late Horace Greeley & the other an English Gentleman & brother in law of John Bright. I think you will be glad to meet them & propose unless I hear from you to the contrary to invade your sanctum at Menlo Park again next Sunday — And by the way we are to dine at Delmonico's (up town) at 7 o'clock Saturday afternoon next. Will you join us? Good things to eat & good people to eat them.

Very Truly Yours.

A. W. Dimock

T. A. Edison Esq.

J. C. REIFF,

No. 52 BROADWAY,

New York, Oct 16th 1878

Dear Sir E.

The enclosed memo from Capt Schuyler San Jose will show one thing I have done about mine matter — He got it a little wrong about reducing temperature, but the practical result was the same, viz. to make the mine more comfortable. I'm sure Dobbins receives this with direct.

Yr J C Reiff

NOTE

73. T. A. Edison Esq
Menlo Park
New Jersey.

FROM GEO E GOURAUD:
6 LOMBARD STREET. E.C.
LONDON. 16 Octr 1878.

Telephones

Everything is going on satisfactorily and I shall forward you in a few days the papers in the case of the first organisation namely "The Railway Speaking Telephone Company of Great Britain (Edisons Patent)" outline form prospectus of which I enclose.

The object of my first transaction as reported to you by Cable and approved was mainly with the idea of securing the entire time and services of a very useful man who makes the first advance himself and under my direction "pulls the wires." I took the course I did with respect to submitting to you the proposition by Cable for the reason that the only way I could get him to decide at once was by saying that I would join him in the purchase on that basis, he therefore does not know that you share with me the Stock I am to have. The plan accomplished the purpose. He does not know nor does any one else the basis of my contract with you nor is it necessary that they should.

(1)

What I do with them I do on the merits of the basis known to them: what I do with you is nobody's business but yours and mine.

I propose to get several times the sum named as advanced Royalties from the Company formed and you will also receive a large proportion of the Shares of the Company as well.

Now, I will tell you generally what my ideas are as to the best means of making the most of the splendid material in hand namely,— that we shall not sell out the whole thing to, nor place the whole matter in the hands of, any one set of people however good they may be but that we shall organise all over the Country in all the large Towns in Great Britain a separate Company called 'The Speaking Telephone Company of'— Edinburgh, Glasgow, Manchester, Sheffield &c— so forth — having a local Board in each place consisting of the best men in the place ~~and fitted~~ as on outline Form Enclosed.

I propose for the general basis of these Companies something like the following

1. That the Patentees shall grant exclusive Licenses, he to receive one-fourth (if I can make it so — one-fifth at least) of the prices charged by the Company

as Royalties or Sale leaving to each Company the rates to be determined.

2. The Company to pay an advance of as much as I can get in each case on account of Royalties all the way from £1000 to £20,000 depending upon the comparative Estimated values of the districts licensed.

3. That you are to have perpetual representation on the Board of each Company so long as your interest in its business is dependent upon Royalties or profits. I mean, until — as it is possible might be the case — your entire interest were bought out.

I propose that I shall be that Director that whoever he may be he shall have the power to appoint by proxy at all meetings of either an entire Board or an Executive Committee thereof.

There are some novel features about this plan but they have the merit of common sense and the plan of separate Companies in any such undertaking is, I believe, in this Country quite unknown; but several friends of mine whose opinions I esteem most highly confirm my impression that it is the very best we can adopt.

I propose to have everything perfected in the way of the organisation down to the minutest detail so that whenever we are ready to exhibit the thing in a certain locality we may take advantage of the local excitement and

gratuitous advertising which we are bound to get from the Press and be ready to at once accommodate a few of the people who are sure to want to go in; and, stating whilst the iron is hot there will be nothing to do but receive their cheques and furnish to them their shares. I should propose to offer as available for local subscription as a rule only a proportion of the total share issue beginning with a half and raising the amount to accommodate any demand beyond that.

I have had numerous offers already to organise Companies in different places if I would place the matter in the hand of the promoters but I have decided that one organisation being perfected it is a mere matter of machinery to grind out as many more as may be needed and by these means we will save parting with interest that we would have to give to others to do work that we can get done at a small expense ourselves. This plan you will observe practically gives me control over our joint interests - yours and mine - of each organisation and the system of local Companies will enable us to get into, not only the Board but as Shareholders of the Telephone Company a vast number of prominent people who could not possibly be expected to either take Shares or be Directors in a single London Company. The one exception to

the exclusive privilege in any single geographical district to any one Company will be "The Railway Speaking-Telephone Company of Great Britain" whose business will be confined exclusively to Railway Companies which run everywhere and to which, in the end we may be obliged to sell the privilege outright as a means of getting the most money since experience proves that they are apt to prefer the payment of rather round sums to have done with internal administrations and to avoid the necessity of requisitions and Accounts. But you will see that this exception will not materially affect an extensive business to each local Company.

Unless I am greatly mistaken you will derive a most satisfactory income from your share in these Companies and which it shall be my special pride as well as my own best interest to make as large as possible

The Speaking-Telephone Company
of

Directors

_____ a Swell
_____ an M.P
_____ a Railway Director
_____ a Manufacturer
_____ a Merchant
_____ a Banker
Mr Butcher — +
myself —

Bankers
The best firm of Local Bankers

Solicitors
The best firm of Local Solicitors

Brokers
The best firm of local Brokers + also
a good firm of London Brokers as Brokers to the Co.

Consulting Engineers
Thomas A Edison +
The most prominent Electrician in the World

Telephone Engineer
James Adams

NOTE

73. T. A. Edison Esq.
Menlo Park
New Jersey

FROM
GEO E GOURAUD.
6 LOMBARD STREET. E.C.
LONDON 16 Octr 1878.

Bell Telephone Co^s Injunction

We all agree that we had better not put out any Telephones commercially in any way until we get the new Receiver since you declare that that will place the question of infringement beyond all possibility. Meanwhile we really have no time since we shall go on with a sort of private demonstration of the power of the instrument and the selection of our shareholders and Directors, but you will of course appreciate the great importance of losing no time in placing us in that impregnable position which the new Receiver promises to afford

NOTE

73. T. A. Edison Esq
Menlo Park
New Jersey

FROM GEO E GOURAUD.
6 LOMBARD STREET. E.C.
LONDON 16 Octr 1878.

Your Telephone generally

I have established a little Telephone Exchange of my own account. as per Plan enclosed, connecting my office with several offices in the City with which I am always in constant communication I show the Telephone from here and I may say that without exception everybody who has thus far seen it - and only the choice few have been invited - pronounce it. as of course you will not be surprised to hear all that we can ask with respect to its superiority to Bell's - in a word the gist of the comparison is simply that one is practicable and the other is not; and no one asks anything better than yours so that if your new Receiver is as your Calls inform me four times as loud - well, unless it fares upon the brain I suppose it will not do any harm but what you have given is good enough, still I suppose you cannot help pushing it up to get the assisting to what you believe to be the possible or what to you is synonymous with perfect.

We none of us like the tube instrument

the Receiver being so far away there was a certain resonance from the action of otherwise imperceptible waves of the atmosphere striking against the tubes themselves. We like the bracket form infinitely better and are having a lot made with a table adapted to the size of English Telegraph forms and the Call Bell underneath so that there is nothing movable but the Transmitter and Receiver. We put an extra arm to the Transmitter bracket so that it may be used when sitting upon a chair or by giants or dwarfs, children &c. We will also have a bracket upon the wall in which to hang the receiver should it be desired to sit long either for conversation or reading through the Telephone making it unnecessary to hold anything. We shall go ahead with this form of transmitter and use the present receiver for those made in advance of the new and independent Receiver.

I enclose copy of the manner in which I make the first attack of Bell which I think will meet with your approval and will show them that we mean business.

What I meant in my Telegram about sending Transmitters only was that Adams for some reason decided to make his Receivers here

NOTE

To
T. A. Edison Esq.
Menlo Park
New Jersey

FROM
GEO E GOURAUD.
6 LOMBARD STREET. E.C.
LONDON 16 Oct 1878.

Electric Light

If I had had my wits about me when your Telegram came announcing your discovery in this connection I might have made you a clear million as I played the very devil with Stocks all over the country. They have since rallied somewhat partly due to circulation by the Bulls of reports that your discovery is all a hoax; notwithstanding Adams is deluged by letters and visits of Enquiry. I enclose sample of two letters selected from this morning's mail with the circular form of reply adopted in one case and special reply in the other. I also enclose card which will probably appear in to-morrow's papers from Adams. By the way I am conducting all this correspondence in Adams's name but from the address of my office where he has a private room and every convenience.

Now, my dear fellow, I would express my very high appreciation of the compliment you pay me and your kindness as well in proposing to place in my hands this

further invention and one, which, if all is true that is credited to it should be found the most money-making thing that you could possibly have produced and I need only assure you that you shall have, as usual, my best attention. I regret that you should have found it necessary to combine with me in England somebody in New York as you intimate however "happy a party" it may be. With regard to the Continent and your sentiments for Pirikas I will abstain from comment from motives of delicacy. I feel it however due to you to state ~~that~~ one circumstance concerning him in which I have fell your honor to be at stake and the course which I pursued in connection with it.

It has been impossible for me to proceed in the matter of the preparation of the necessary papers between yourself and the proposed Companies without more information concerning the Patents needs be than I had; and, inasmuch as you advised me that the Telephone Patents were included in the Phonograph patents and that I should obtain a copy of Ventage's Contract as a basis I undertook to do so, and finding the only practicable means to be a letter from Pirikas to the Solicitors who drew it instructing them to

furnish me a copy. I applied to him for it and after considerable hesitation and some delay he gave me a letter requesting them to allow me to read it and take a copy if I desired. This letter I gave to my Solicitors who made several visits and applications and quite contrary to the custom in the profession they were unable to obtain it, being pressed for the reason they finally gave it to be that supposing me to be interested with you they objected upon the ground that Prukas your Agent in this matter had never paid the costs which had been repeatedly demanded of him. Upon receiving this information I immediately instructed my Solicitor to state that I was connected with you and represented your inventions in this Country, and that I would personally guarantee the prompt payment of all the charges in question incurred in your behalf. Now my dear fellow you must draw your own inferences from this statement which is more evidence corroborative of more than one rumour I have heard about the gentlemen in question.

I feel perfectly certain that this invention can be worked to more profit from London as its centre than by any other possible means as all the large

Continental Banking interests have Branches or Resident Partners, or intimate connections here in London and if your Light is what we are led to infer it will be the biggest thing in the world for making money with. I am always at your command and if you like to make my interest in this subject include the Continent either as a whole or as a part you will of course do so.

Other letters referred to as enclosed I have not time to get copied, will go forward by next mail.

[ENCLOSURE]

Copy.

1 Capthan Buildings
London. 16th Oct. 1878.

Sir
We understand that you represent Mr Edison in this country in connection with his recent improvements in the production of Electric light.
We are concerned for a Company which has recently been formed in this country, and which has for its principal object the supply of Electric light. Can you put us in communication with Mr Edison, with the view to the purchase of his Invention so soon as it is patented in this country.

We are Sir
Your Obed Servts
Watson Beustowd Carpmael

Ed George Gouraud
6 Lombard St

[ENCLOSURE]

Copy

16th Oct. 1878.

Messrs. Wilson Bristow & Carpmael.

Gentlemen.

I beg to acknowledge the receipt of your letter of this date.

Edisons Electric Light.

Your understanding with regard to my connection with the matter is correct.

Mr Edison's address is Menlo Park New Jersey but it might perhaps save you trouble to know that all communications made to him concerning either this or the Telephone are referred to me for reply.

Your proposition to negotiate for the purchase of the invention before the patents are completed I should perhaps say to you is but one of quite a number to same effect several of which have emanated from Gas companies. Indeed I am inundated with correspondence and personal applications to similar purport that if the thing goes on it will be necessary to publish a card in the newspapers calculated to diminish it. As however I have had the pleasure of meeting some of the members

(1)

[ENCLOSURE]

2

of your firm a few years back in connection with another of Mr Edisons inventions — The Automatic Telegraph — I have pleasure in replying to your ~~letter~~ Enquiry which is more than I have been able to do to most of the others —

It has not been the intention to enter into any negotiations whatever in the matter prior to the completion of the Patents and the ability to exhibit the apparatus in London: and indeed it does not seem to me desirable that any commitment whatever should be made prior thereto. But as we have been asked if we can entertain a proposition for the purchase of the whole or an undivided part of the invention it occurs to me that there would be no objection to an affirmative decision as applied to the latter phase of the proposition namely: the sale of an undivided interest in the whole to a small amount.

Should you like to proceed with the matter in this form I will give you a personal interview by appointment & thereupon it will be my pleasure to notify you of the earliest moment when the invention can be seen in operation as no time will be lost in completing the Patents and exhibiting the process —

Yours faithfully —

Geo E Gourand

Geo E Gourand

[ENCLOSURE]

Copy

Edison's Carbon Telephone.

THOMAS A. EDISON,
Inventor & Patentee
OF THE
PHONOGRAPH,
CARBON TELEPHONE,
MEGAPHONE,
MICROTASIMETER,
ELECTROMOTOGRAPH
AEROPHONE,
AUTOMATIC TELEGRAPH,
DUPLEX OF
QUADRUPLEX
ELECTRIC PEN
AC. DC. AC.

6, Lombard Street, E.C.

London, 187

Electric light

We beg to acknowledge the receipt of your letter of inst

In reply to your Enquiries we can at present state but little that has not already appeared in the Press. There is no doubt as to the correctness of the general features thus already made known but until the Patents are secured the process cannot be exploited. No time will be lost to that end meanwhile it does not seem desirable to enter into any negotiations for the disposal of either the Patents themselves or licences under them but as some proposals to this effect have already been received it may be well to add that all such will meet with due consideration

Yours truly,

[ENCLOSURE]

Edison's Carbon Telephone.

THOMAS A. EDISON,
Inventor & Patentee
OF THE
PHONOGRAPH
CARBON TELEPHONE.
MEGAPHONE.
MICROPHONETER.
ELECTROMOTOGRAPH
TELEPHONE
AUTOMATIC TELEGRAPH
DUPLEX
QUADRUPLE
& ELECTRIC PEN
&c. &c. &c.

6, Lombard Street, E.C.
London, 187

Dear Sir,

Electric Light.

We are in receipt of your letter of the Inst. and shall be happy to communicate with you further when matters assume a more definite shape.

Yours truly,

[ENCLOSURE]

Edison's Carbon Telephone.

THOMAS A. EDISON,
Inventor & Patentee
OF THE
PHONOGRAPH
CARBON TELEPHONE,
MEGAPHONE,
MICROTASIMETER
ELECTROMOTOGRAPH
ACROPHONE
AUTOMATIC TELEGRAPH
DUPLEX &
QUADRUPLEX
ELECTRIC PEN
&c. &c. &c.

6, Lombard Street, E.C.

London, 187

Edison's Electric Light.

To the Editor of
Sir;

May I ask so much of your valuable space as to allow me to take this means of replying to the communications which are pouring in upon me from all quarters, as well as personal applications from extent quite beyond my powers to meet with personal interviews.

Nothing can at present be said upon the subject of Edison's Electric Light further than has already been made known through the columns of the press, except that every effort is being made to hasten forward the securing of the patents so soon as this is accomplished, when arrangements will be forwarded by the process in this country.

Meanwhile no contracts can be entered into for the sale of, or licenses under the patents; but the numerous applications already received as well as any that may be hereafter received will be duly noted and a Circular communication with subscribers thereof will be issued.

It may perhaps be of value to add that the reports circulating in some quarters to the effect that the whole thing is a "bear" must have emanated from interested parties as there is no doubt whatever that Mr. Edison has made the "Light" discovery in question.

It shall be my very great pleasure to be able to show to yourself together with the other Editors of the leading journals the first invitation to witness the practical operations of "The Edison Electric Light."

Yours faithfully,

Assistant to T. A. Edison.

J. T. MURRAY,
MANUFACTURER OF
TELEGRAPH INSTRUMENTS,
NOS. 10 & 12 WARD STREET,

Newark, N. J., Oct 17 1878

T A Edison Esq

Sir

I didnot wish to disturb you as you had retired from work but if you will tell me what you desire I will conform to it with pleasure Gold & stock has kept me for two weeks on promises I have there model in shop they stoped me on it as they have something new I am waiting G B Scott's orders I see Bellard he promised to call but has not he sent postal will call Friday and tell me what he will do
I see Burgman he only wanted Engine Lathes he has no money as he works so cheap he cant save let me know what you wish by return
I Paid Kirk $150.00 last week —

Newark 6.10.78

J. Murray

I am short 75¢ are
scarce here or I would
come see you —

New York October 17th 1878

Thomas Edison Esq

Dear Sir

I am anxious to meet you when I can do so without too much trouble to you - I promised Mr Adams when I left Paris - that on my return I would let him see you in reference to various matters which were discussed at the Exposition

I was also promised my friend Mr W C Chapin of the "Mountain Mills" Providence to ascertain from you if your Electric lights could be applied to his mills - where the work is carried on day and night and the question of light is one of great importance The occasion of the death of my friend James White I was abroad has led to many inquiries on the part of his friends - as to his business matters some of which you might help me to answer - If you would kindly inform me - if I could see you at Menlo Park without too much trouble - since when I should be much obliged and would make you a call - Yours truly

Amasa Dawson

P O Box 4013 N.Y.

Washington University
St. Louis. Oct 17/878.

Mr. Thos. Edison

My Dear Sir:

I wish you would be kind enough to inform me of whom I can order the compressed paper which is used for insulations in magneto electric machines. I wish to use it on the commutator, where it is too hot for ebonite.

I have seen a so-called "improved Siemen's" machine, made by some-one in New York, which has this material in it —

Truly yours —
Francis E. Nipher.

Can you have some person make me a tasimeter, like the one you had here?

LAW OFFICE OF
JAMES GRAYDON JOHNSTON,
No. 261 Broadway,
(Room 36.)
Elevator on Warren St.

New York, Oct 17th 1878.

Thomas A. Edison Esq

Dear Sir,

Mr. Governor P. Lowry tells me that you would be in town last Saturday - but I failed to see you.

Can you name date and place when you will be next in town.

Yours

G. G. Johnston

T. A. EDISON. From Np office

Menlo Park, N. J., Oct 18 1878

NY 17 T A Edison Mo

We cannot come today will wire what day meantime drop in when next in town

G. G. Ward

15 Paid

21 Park Row
Newton Oct 8/76

My dear Doctor:

Here a picture for you. Show it to "Dot" and see if she recognizes me

Truly yours

Edison

Prof T. A. Edison
Menlo Park N. J.

MYDHAR 78
(9)

[COPY FOLLOWS]

I have tried three reflecting galvanometers with the instrument; the Idea was on an Elliott "square case" 20 guinea instrument, with resistance of ½ ohm is almost too sensitive: I am a "Post Office Bridge & Resistance coils" & can't work it without the shunt – it is too delicate – with any reflecting galvanometer there is no difficulty; I see the division on = [illegible] of an inch, & if you have no objection I will publish an account of "Mr Ellis's" & Wheatstone's [illegible]

Yours ever
W. F. Barrett

Dear Mr Edison,

I asked Lord Rosse to come in yesterday & see your instrument, he was glad to see the apparatus & spent a couple of hours making experiments with it. The heat

Mr Edison
Menlo Park
New Jersey
U.S.A.

Lord Rosse & Mr Barrett & a Captain Symons of Woolwich dont understand, it is much the same as the Phonophone which they have seen & like it.

[COPY FOLLOWS]

Dublin
Oct 18. 74
W F Barrett

of his finger & fork before the
case threw the light aside
off the scale: but the return
was slow & somewhat uncertain.
He will come again when I
have more thoroughly mastered
the instrument, & then you may
be sure I shall have fulfilled

some papers at the Royal Society
I looked on the back of the
screen & thought it might be
interesting if he tried the
transmission on some of the fixed
stars with his big reflecting
telescope. I will ask him to
send you a line when
he comes up again; he has
left town for a holiday.

[COPY]

No 1

Dublin Oct 18. 78

Dear Mr Edison — I asked Lord Rosse to come in yesterday and see your tasimeter he was glad to have the opportunity & spent a couple of hours making experiments with it. The heat of his finger a foot before the cone threw the light right off the scale but the return was slower and somewhat uncertain. He will come again when I have more thoroughly mastered the instrument. As you may be aware he has published some papers at the Royal Society of London on the heat of the Moon (?) and I thought it might be of interest if he tried the Tasimeter on some of the fixed stars with his big reflecting Telescope. I will ask him to pen you a line when he comes again. He has left town for a — I have tried three reflecting galvanometers with the instrument: One I have here on an Elliott "square case" 20 guinea instrument with resistance of $\frac{1}{2}$ ohm is almost too sensitive & on a "Post Office Bridge and resistance Coils" & can't work it without the shunt it is too delicate. with an ordinary reflecting galvanometer there is no difficulty. I see the divisions are $\frac{1}{60,000}$ of an inch & if you have no objections I will publish an account in "Nature" of the instrument

I have had a wild letter from a Captain Symmes of Hamburg about the Tasimeter he is mad but I have replied asking him to come and see it —

Yrs
W. F. Barrett

No 2

Dublin Oct 19, 1878

Dear Mr Edison

I wrote to you yesterday & today having your letter of the 17th. I am very glad to have your version of the Preece-Hughes affair if you will allow me I will at once publish the principal part of your letter; moreover, though Mr Preece is a personal friend I prefer offending him to the suppression of what is true, and so far as I can judge with Preece's Hughes & your letters before me - you appear to have been wholly justified in the statements you made. I will let Sir Wm Thomson see your letter & write to him on the question. Lord Rosse whose name is of considerable influence in scientific circles was here yesterday I regret that your letter was not before me then but I will show it to him on his return to town in a few days. I propose incorporating the facts you give me in an article in Nature and coming from an independent source I trust the English & New York papers will see your claims is justified. As to Clemence's resistance tubes I am glad to have your confirmation of my own opinion that the mere variation in pressure would suffice for Telegraph work. These are obviously afterthoughts just as in my own case after my discovery.

of flames there was an attempt made
by an Eminent Scientific man to whom I had
shown my early Expts after sympathising my name
& virtually claiming the discovery (for himself) to refer
the whole thing to some one else who happened long
prior to have made an incidental and forgotten observation
remotely related to it. Leaving these matters let me
congratulate you on your new triumph, I hope your discoveries
all in good hands. The Carbon telephone is likely to be a much
better speculation to the Companies working it than it was for you. Have
you tried recording the signals sent. An idea suggested by one of
Varley's patents might be useful. A wire in a coil vibrating under
the action of the current & its vibrations (measured) (recorded) by its movements in
front of a chimney with a light behind.
With the Tasimeter I would suggest a cylindrical soft iron mirror behind
the strip, this gives a line of light pulling on the strip. So you with these matters
by an special firm? I suppose it is patented & a royalty might be paid to
the makers — I will go to London next week purposely to see some Expts with your
telephone on a 110 miles wire (promised to London) Mr — M.P. has lent me for the purpose.
I send you a Dublin paper today with a short paragraph. I send them on your Telephone
Perhaps something may be got out of the new expts I send you ~~with~~ this by book post.
I will give Adams one of the instruments for your thoughts. They are handy work
sinking — I want Electrodes of same off your things shown in
Prescott book for Nature & can they be got to save fresh wood cuts

Yours
W F Barrett

JAMES PARTRICK. FRANKLIN S. CARTER.

Partrick & Carter

PRACTICAL TELEGRAPHERS and ELECTRICIANS,

MANUFACTURERS OF AND DEALERS IN

TELEGRAPH AND ELECTRICAL INSTRUMENTS and SUPPLIES.

No. 38 South Fourth Street,

Manufactory, 912 and 916 Filbert Street,

OF PHILADELPHIA.

RAILROAD SUPPLIES

Philadelphia, Oct 19 1878

Thos. A. Edison Esq
Menlo Park N.J.

Dear Sir. In regard to Tachometer we have been going over the thing and find we cannot come to any definite starting point in regard to measurements. Cannot you enlighten us upon this head. And if you get a deflection how are we know what part of a degree of heat it represents. Under what conditions do you make a standard to adjust by. Give us something definite and at same time give us a check for $30.45 as we are badly in want, while you are revelling in luxury and forming Electric Gas lighting Companies, who represent their

Millions — We hope it will not
be like Col Fellows millions in city,
all in imagination — Please write
us any how & give us an idea
of the Vaccination and Chicks

Yr Obligd
Cuthbert Cates

Rec'd Oct 7/
Ans Oct 7/

33 Lafayette Place
N. Y. City, Oct 19th 1878

Mr Thos A Edison
Menlo Park N.J.

Dear Sir:

Accept my thanks for your kind attention in sending me a box of pressed carbons received this morning. The recurrence of my autumn duties has put a stop to the experiments in which I was interested a month ago, but as soon as I have sufficient leisure they shall be renewed. If anything be developed from them, I shall take pleasure in letting you know.

Very Truly Yours,
W. LeC. Stevens

T. A. EDISON. 1 955

Menlo Park, N. J., Oct 19 1878

Riverton N.J. 19

Thos A Edison

I wish to see you on important business with introduction from Prof Barker

At what hour will you be at home next Monday

L. H. Davis

23 paid

Dr 9

T. A. EDISON.

2

Menlo Park, N. J., Oct 19 1878

L H Davis Riverton
N. J.

Will be at Mr Twombly's
Office Western Union
Building New York Monday
Noon

T A Edison

13 Bell et

11 3
G D V

T. A. EDISON.

1

Menlo Park, N. J., Oct 19 1878

Francis Skinner
139 West Bdway
NY

My assistant Mr
Batchelor will be
At American institute
tonight meet him

T. A. Edison

12 N H

11 3
G N

5

T. A. EDISON.

Menlo Park, N. J., Oct 19 1878

S Bergmann & Co
104 Wooster St
NY

Shall want to use all the best machinery from Murray's
better get yours Elsewhere

Edison

14 WH

4.07 Pm
9 Sd

OFFICE OF

The Edison Speaking Phonograph Company,

203 BROADWAY,

New York, Oct. 19th 1878

P. O. Box 5529.

T. A. Edison Esq. Dear Sir. Your Message received - and greatly disappointed me - If I fail to get at least a few things from you my projects can be seriously altered for the worse. Now I want you if possible to let me have the following - I can raise the money & buy the remainder:

1st 1 Milling - or Index - Machine
2nd 1 Engine Lathe (Small)
3rd 1 Screw Machine

The Engine Lathe I need the most. Please let me know immediately if you can give me - one or all of these

Yours Truly
J. Bergmann & Co.

Edison

Bergmann is very much afraid Murray will get ahead of his telephone price - don't let it slip your mind

N.Y. Oct. 19/1878

Dear J.

Kimball has just been talking to me about the Edison Electric Light, and wishing he could have a hand in introducing it in Canada (where from his own connections and that his father-in-law of Toronto) he has facilities for reaching Government, Banks, Telegraph and Rail Road Co's from whom the necessary capital he thinks could easily be obtained. If you have the opportunity and influence to sell and secure the Canada patent I and Colleagues can make arrangements with Kimball by which all concerned can be greatly benefited. Being in daily expectation of leaving for the South I cannot wait for a personal interview, but wish (you would communicate with Kimball at once as to your views and prospects on the subject.

If sufficiently attractive arrangements can be made I am ready to pick up my duty to work in closest any territory or capacity — Please send me any interesting news you may have of any kind.

Yours

D. Nott. D. Lawton

Write to Kimball's office till 25th

Dear J.A.

Wm. what the
Canada Potato?

J. C. Reiff

Times I had ~~have~~ been old
fashioned. I have had me in
as one of the nominations of the Chair.
Why cannot you have me in
the company as a Director
by any or one age?
I might help you both —

Peabody Mass
Oct 20/78

Prof T. A. Edison
Menlo Park
N.J.

Dear Sir

I sent you by Mail some time ago Sample of Raw & also wrote at the same time - as I have not heard from you I thought I would write & know whether you had received the sample - dont let me hurry you any - as I am pretty sure you will succeed if any one can - Help me posted from time to time how you succeed - Hoping to hear from you soon I Remain

Yours Respt
J. Ferguson

Care E. P. Upton Lake box 91

Washington D. C. Oct. 20. 1878.
621. 15th St. N.W.

Thos. A. Edison Esq.
Menlo Park, N.J.

Dear Sir:

According to our last conversation, I wrote to my father, on the 18th of September, informing him of your intention to give us the exclusive agency for Europe of your different inventions. He authorized me, to get from you a statement of your terms & to forward to you a volume containing some of the inventions, so that you may be able to understate their introduction & object to be in effect before the end of the year & thus will direct my efforts to this end. I would like to communicate to you at once my resolution, so that you might act in accordance to the same.

Nothing to learn from you I remain
Your truly
Henry Villard
Pres. Edison Electric Light Co.

P.S. Do you wish the Canadian terms.

Prof Barker
Phila Oct 20, 78
Ans Oct 21 78

UNIVERSITY OF PENNSYLVANIA.

Philadelphia, Oct. 20th 1878

My dear Edison:—

The papers you placed in my hands have all been sent to the printers and I shall have some proofs to send you soon.

I am quite surprised at the attitude Morton took the other night in regard to electric illumination. If he had seen your light, he might at least have believed your statements about it. I am waiting to see how astonished he will be when the thing comes out. By the way how much longer before you are to make the thing public? Let me know when the seal of secrecy is removed please. I notice in the papers of Friday a list of incorporators of an Electric Light Co. with a capital of $300,000.

Is this a Company formed for New York State only, or does this Company control the whole thing? I sent a note of introduction to you the other day by a Mr. Davis, a prominent gas man; I was introduced to him by Dr. Gerstle & don't know him at all, though he seems a gentleman & represents a large capital. The gas people seem inclined, at least the more intelligent of them, to take up electric lighting. Has any move been made toward your light in Philadelphia? If there should be, I should like a chance there. My brother-in-law Mr. Thompson of St. Louis (whose house we were, you remember, in Leo, & Stead, of the Eclide Gas Light Co. He writes me to know if he can do anything to secure the right for your new light for Missouri. If there is a chance, I would be glad if you will favor him, if you can as well as not. There seems to be a great panic among the gas people in Europe too. By the way did you see Sir Wm. Thomson's statement "the electric light, if there are a sufficient number of lamps can be produced with equal economy at a great and a small distance?"

You know I am depending on you for my lecture of Nov. 14th, I am expecting Bachelor to come with you & to stay with you at my house. Come over Wednesday if you can so that we can experiment all day Thursday. I expect to have two of Wallace's machines, my own Gramme, a Siemens and a Brush machine; so there will be a grand chance to try your new light with the different currents. I would like to have you loan me for the lecture at least twenty burners, as I want to put a dozen on a chandelier on the stage and turn them on and off as you would gas. Then as you suggested a few on stands would be a good thing besides. I expect

too, to drive all my machines on this stage with the new Otto gas engine which you saw at Wallace's. I think now I shall have a four horse and a seven horse power engine on this stage. I want to do a good thing and to give the Edison light a fine scientific send off.

If Bachelor is not too busy will you ask him to send me the things I gave him a memorandum of, particularly the automatic apparatus. I have sent my artists on the tuning fork methods to the printers without having made the experiments I wanted to with that apparatus. How about the phonograph you said you would loan me? I notice you have two or three capitalists once lying round your place and rusting. You might perhaps well let one lie round my place, where I will keep it from rusting and keep it for my own private use. Do send me one if only for a short time. When can you send me one of your new lamps to experiment with on my Gramme machine?

Have you seen Draper since he got back? He got 13 tons of game. He wants you to come & see him some day in N.Y. the Nat. academy meets in N.Y. Nov. 6. Cordially yrs Geo. F. Barker

Brooklyn Oct 20 78
Wm A Lorenz
Ans'd Oct 21 78

Brooklyn, Oct. 20 78

Mr. Thos. A. Edison,
Dear Sir,

I have been waiting for an opportunity to invite you up to see our Type Setting and Distributing Machinery, and if the pressure of other matters be not too great, will be glad to have you come in any time during the coming week or after. I have completed at Hartford 13 pairs of them, which are now in running order in N. Y., and many of them constantly occupied in the system of machine composing. A postal ahead of your coming will find

me in, although this is not always necessary.

I should be glad to come down to Melrose Park, for an hour or so some day, if agreeable to you, to see your place and workings.

With regards I am
Yours Very Truly
William H. Lorenz

Care S. H. Green
18 Jacob St
Cor. Frankfort
N.Y.

S. T. King

Fort Ames Brick Oct 21st 1898

Al Edison Esq

I have a pair of Lake Superior Eagles about 2 years old. Last Spring I bought them of a man coming from Lake Superior and they were the ones caught in the nest. They could hardly fly when I got them. Will you take them as a gift if you have a place to put them they would make an addition to your collection. They eat meat and fish they are not fond of a vegetable diet if you are willing to pay transportation on them you shall have them.

James Rich

See Sworn

No Sworn
Do you want them
Estate? If not I will
try and find some one
around here to take them
Please return this about
R.K.E.

See the front of
I go to the northwest
are equally one of
in my memory
Respectfully
S. T. King

T. A. EDISON. / 10 55 am

Menlo Park, N. J., Oct 21 1878

NY 21 T A Edison

How soon and where can I see you I have important dispatch from Gouraud

Louis Fitzgerald
Prest Mercantile
Trust Co
120 Broadway

22 paid
Jog

T. A. EDISON. /

Menlo Park, N. J., Oct 21 1878

M Oct 21st
T. A. Edison
Care Hack Twombly
NY

Call on Louis Fitzgerald
Prest Mercantile Trust Co
hundred & twenty Broadway important
Griffin

12 N.H.
C, JW 11 am

T. A. EDISON.

Menlo Park, N. J., Oct 21 1878

My Dear Mr Dolan

Please look over the Enclosed letters. Don't mention to anyone my sending them to you - Let me know if you think the thing can be made to work and if you can make any suggestions I will have the work done here - E says he thinks he could fill the bill but has no time to look at it. I would like to get the letters again as soon as possible and if you will address them to me, Care of John Applebaugh Recvg clerk, I will get them or have our Messgr call - Please write me

Very Truly
S. L. Griffin

[ENCLOSURE]

WALLACE'S MONTHLY—$3 a year; six subscriptions $15; 30 cents single number
WALLACE'S TROTTING REGISTER—Two volumes, $10 each. Volume III. in preparation. Price about $5. $1 for Recording Pedigrees
WALLACE'S AMERICAN STUD BOOK—(Thoroughbred) one volume. Price $10.

All Pedigrees for the Trotting Register are subject to the revision and approval of the Board of Censors appointed by the National Association of Trotting Horse Breeders. This Board consists of Messrs. Chauncey Bolton, Chicago, Ill.; J. Alex. Drennan, N. Y.; Dr. Dan Lothrop, Kent, Ct.; C. F. Mott, Louisville, Ky., and Gen. W. S. Tilton, Tapley, Me.

Office of WALLACE'S MONTHLY,

10 & 12 FULTON STREET
212 BROADWAY
P. O. BOX. 5179

New York, Sept. 12 1878

Prof Thomas A. Edison

Dear Sir

A want has long been felt among reputable turfmen for a reliable stop watch. I do not mean to say that the watches now are not reliable as far as their accuracy is concerned, but not always so in regard to their manipulation. What is wanted is a watch which can be started and stopped by the horses themselves. This, I think, could be accomplished through the medium of electricity. The time-piece would be required to be in sight of the people, and that being the case, there could be no tampering with it. If the watch could be so arranged as to mark the time at the quarter, half-mile, and three-quarter poles,

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Office of WALLACE'S MONTHLY,

10 TO FULTON STREET
212 BROADWAY,
P. O. BOX, 5173

(2)

New York, ... 187

So much the better. It would be necessary to have the attachment so constructed, that the 1st horse crossing the scone would start it, and also stop it at the end of the heat. Such an instrument would supply a want long felt. It would prevent tricking and insure honest recording. There are at least two thousand race tracks in this country, and if a satisfactory instrument can be invented, all these tracks will adopt them. It is to such a genius as yourself that we look for this thing. If you think the idea is worth anything, please work it up, and you will find money in it. Rare pop. I would like your opinion on the subject.

Very Truly Yours
C. T. Harris

[ENCLOSURE]

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WALLACE'S AMERICAN STUD BOOK—(Thoroughbred) one volume, Price $10.

Office of WALLACE'S MONTHLY,
No. 10 FULTON STREET
212 BROADWAY
P. O. BOX. 5.772

New York, Sept 17th 1878

Prof Thos A. Edison

Dear Sir

Your favor of 12th came safely to hand. In regard to the time dial I spoke of, I think it could be managed by means of a stout thread stretched across the track. This thread being broken as the foremost horse crossed the score, the circuit would be opened or closed as desired, and the time-piece started or stopped instantaneously. It often happens that when watches are started or stopped by hand, that there is a difference of a quarter or half second between the time-pieces when compared. This is sometimes due to nervous heat or the finger slipping. The difference in time is averaged in such a case, but with all that, the computation is not reliable

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N.Y.; David Bookhis, New York City; R. S. Veitch, Louisville, Ky., and Gen. W. S. Tilton, Tagus, Me.

[ENCLOSURE]

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Office of WALLACE'S MONTHLY,

110 FULTON STREET,
212 BROADWAY,
P. O. Box. 5179

New York, 3 1887

With a time-piece in view of the people, there could be no tampering, suppression of time or any other trick resorted to which would affect a horse's record. Let the horse time himself, (the judges, or party designated, simply setting the arrangement) and there can be no possibility of fraud, nor dispute as to reliability of time recorded.

You ask how many minutes or fraction of minutes would be required to be shown on the dial. For trotting horses 3:50 would be enough; for running horses, 8:00, as they often run four-mile heats. I say that it would be well to have the quarters connected with the time-piece, as young horses are often timed for that distance.

I feel that you are just the one to make this instrument, as it would be the means of bringing about a great reform, would—

[ENCLOSURE]

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Office of WALLACE'S MONTHLY,
New York FULTON STREET
212 BROADWAY
P.O. BOX. 5119

(3)

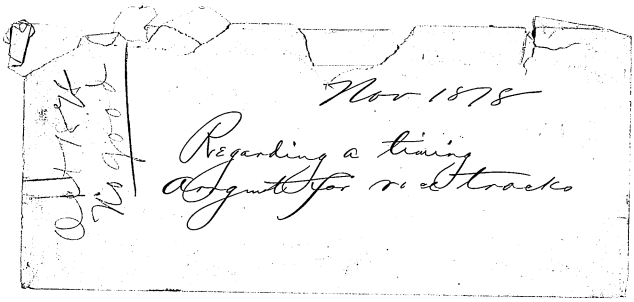
New York, 187

Some thousands of dollars, and would secure you the patronage of The National Trotting-horse Association, as well as the Breeders association. Both these associations control the best tracks in the country, and are composed of men of wealth.

If you can spare the time, I would like to have an interview with you on the subject, as I might be able to give you an idea.

Very Truly Yours
C. F. Harris

[ENCLOSURE]



A Bandler
Oct 21 78

J.W.WEXEL
13 Barclay St.
NEW-YORK.

Wexel y De Gress.

F.DE GRESS
MEXICO.

ARMERIA AMERICANA
1a de Plateros No 5.

Mexico, 21 de October de 1878

T. A. Edison, Esq

Dear Sir:

Thinking that you would be interested to know how your phonograph has been received here I drop you a few lines by this time. Mr Deness will send you by this mail extracts from the newspapers & you will see by them that the press has been completely carried away with your inventions, and I am sure that after reading them that you will no longer doubt that you are a great man

in fact the greatest man that
ever lived. One paper proposes
that this should no longer be
called the 19th Century but the age
of Edison. We have had
going exhibitions of the
phonograph, Telephone and Micro-
phone. As considerable interest
has the microphone has been
developed here through extracts
from foreign papers. I made
one, and we exhibited along
with the telephone giving you
the credit for its discovery as
it rightly belongs to you.
Everything has worked well
and everyone well pleased
with all of them. The phonograph
as a matter of course seeing
the largest attention. The only
difficulty we have had with
the latter has been in keeping
it, although I can do many
well with it now. Power
of some kind is a necessity
with it to make it a perfect

J.W WEXEL
13 Barclay St.
NEW-YORK.

Wexel y De Gress.
ARMERIA AMERICANA
1a de Plateros Nº 5.

F. DE GRESS
MEXICO.

Mexico, de de 187

thing, another objection is the scraping noise of the needle point which at times is considerable if this could be dimmished it would be far better, especially in a small room.

Most people here are anxious awaiting the development of your experiments with the electric light, mightily believing that if you have succeeded in doing what is reported in a New York paper, that ~~that~~ is one of the most important if not the most important of your discoveries. Several here have talked with me from time to time about

the electric light referring to what has been done in Paris and London but I have told them that in my opinion what has been done was just far from practical and that they had better leave it alone but if you have succeeded in dividing the light into numerous small lights I consider that the light question has been solved and I wish you every success in that direction, and hope to have before long a description of what you have done with it. Lamme and your letter coming are well though he has not been for some time, by the way, Lamme's voice comes out of the phonograph better than any one else, in fact it comes louder than Edison's voice. With kind regards to your wife I remain Your friend & fellow worker
K. F. Mandeville

T. A. EDISON. 2 X 08 Pm

Menlo Park, N. J., Oct 23 1878

NY 23

T A Edison NY

Expected to see you today per appointment When will you be here?

H M & C Twombly

12 N 8 y 9

T. A. EDISON. 2 T. A. Edison

Menlo Park, N. J., Oct 23 1878

H M & C Twombly NY

Am sick in bed intended to go to NY tomorrow but it depends

T A Edison

DH

4 20 9 2g

T. A. EDISON.

Menlo Park, N. J., Oct 24 1883

Dr Leslie Ward Newark N J

Please come and see me
I am quite sick
T A Edison

9 AM

9 to 9 AM
9 PM

MANUFACTURERS TO THE JOBBING TRADE ONLY.

MANUFACTURERS OF "Mound City" Wash Blue — OFFICE OF — Frank P. Meyer & Co. — SOLE PROPRIETORS OF Guthrie's Eureka Star Laundry Blue

"CONGRESS" INKS. Nos. 116 & 118 N. 2d St. Flavoring Extracts.

St Louis, 10/24 1878

Thos A. Edison Esq
Newark N J

Dear Sir:

Sometime ago, I noticed in one of our daily papers, that you have discovered a new process for making fine lamp black, which you use in some of your inventions.

I have been experimenting with a new black writing ink, in which I use some lamp black, but I am unable to obtain in this market a fine enough article to suit me, and if your black is what I am led to believe it is, I would like very much to have you send me a few pounds. If successful with the ink, will order large quantities of it, and will also send you some of the ink, explaining its uses.

Very Respectfully Yours
Frank P. Meyer

Address
As above Firm

Office of
Hilborne L. Roosevelt,
40 West 18th Street,
New York Oct 24 1878

Church Organs

My dear Edison,

I wish to call to your masive mind the fact that the responsible house of Roosevelt & Company is in existance and that said house is receiving letters from its London & Paris branches asking for something of the great Edison's. I am anxious to have our house try its hand now at introducing some thing of yours.

Yours truly
Hilborne L. Roosevelt

Office of

YOUNG, LADD & COFFIN,

Proprietors and Manufacturers of

LUNDBORG'S PERFUMERY,

CALIFORNIA WATER, &c.,

No. 22 Vesey Street,

New York, Oct. 24 1878.

Thos. A. Edison Esq.
Menlo Park,
N.J.

Dear Sir:-

Agreeably to my suggestion on Tuesday last when conversing with you in your laboratory I send you a package containing a few specimens of our manufactures. Hoping they will duly arrive and meet your approbation,

Respy. R.D. Young.

I enclose small package for your Mr. Carmen.

EXPO PERPETUA
CONTINENTAL
INSURANCE CO.
NEW YORK

Nos. 100 & 102 BROADWAY.

J. H. Gilbert
Cashier

New York, OCT 25 1878 187

Prof. T. A. Edison
Menlo Park.

Sir.

I am requested to ask you if you would kindly name a day and the hour when a party of eight or ten ladies and gentlemen may visit your laboratory from Metuchen - where we reside.

We will wish to see you on the occasion - if you can spare us the time. - We can come best in the evening - but will be glad to see you when you will be the most at our disposal.

Very respect'y J. H. Gilbert

New York address as above.

Washington University
St. Louis. Oct 25/078.

My dear Sir:

Please accept my thanks for your kindness in sending the Vulcanized fibre.

Respectfully
F. E. McGhee

T. A. EDISON.

Menlo Park, N. J., Oct 25 187

Dr Leslie Ward
Newark N J
Don't go away
May need you
today Edison
7.44
10 a.m.
-G.D.

T. A. EDISON.

G. B. Prescott

Menlo Park, N. J., Oct 25 187

My To
Chas. Batchelor
How is Edison today is he
dangerously ill

Reg G. B. Prescott

1.15 PM
IMF MJD

Menlo Park

G. B. Prescott — HOTEL in N.Y.
No. bad case of
neuralgia
Chas Batchelor

5 PM
Lost 120 PM
M Pyo

Madam will you send these
Batchelor

T. A. EDISON.

Troy Bulletin

Menlo Park, N. J., Oct 25 1878

My To
T. A. Edison
I hope you are better this
morning. Batchelor presents compliments

Sig
Troy R Edison

120 P.M
M Pyo

Tracy R. Edison

Gold & Stock Tele Co
New York

Edison a little better but not out of bed.

Chas Batchelor

9 P.M.

Oct 25
2 PM
M. T. Kyo

T. A. EDISON.

Dr. L. Wright

Menlo Park, N. J., Oct 25 1878

Newark To
T. A. Edison

I will be home until you send for me

Sig Leslie D. Ward

9 PM
2.30 PM
M. T. Kyo

T. A. EDISON.

Menlo Park, N. J., ... 187

My To L-L Griffin

all sorts of rumors prevail concerning Edisons illness

Sig N. P Phillips

5 24
2 36 PM
M Tkgs

T. A. EDISON.

Menlo Park, N. J., Oct 25 1878

My To To Thos A. Edison

Is T. A. Really seriously ill if so can I do anything by coming out

Sig J. G. Reeves

16 Paid
Mr Wyo
2.38

ans by Batet from Lapd

T. A. EDISON. 2 T. A. Edison

Menlo Park, N. J., Oct 25 1878

Dr Leslie a Ward
Newark N.J.
Please come at once
Edison

A Dot

529 Pm.
9 Pm

T. A. EDISON. 3 Edwin M. Fox 7 P.M.

Menlo Park, N. J., Oct 25 1878

New York 25
J. H. Griffin
or Chas Bouchier
care Prof Edison NY

Please telegraph me for publication
Edisons condition tonight If Dr
Ward there will you oblige
Herald by getting from
him statement of diagnosis
and prospect answer quick

Edwin M Fox
N.Y. Herald

32 paid
3 exceed
Tyg

T. A. EDISON. 4 7 P.M.

Menlo Park, N. J., Oct 24 187

E P Lowry Tarrytown

am very better, but confined to bed yet

To Edison

T A E
E L

T. A. EDISON. 5

Menlo Park, N. J., Oct 25 1878

Ms 25

E M Fox
N.Y. Herald NY

Mr Edison caught a severe cold Sunday or monday and since Wednesday morning has been suffering from Neuralgia. Dr Leslie Ward says positively that it is merely local and is nothing serious. ~~[illegible]~~ ~~will be [illegible] or [illegible]~~ Unless complication arise this will be quite over in a few days. Private - To Fox Ward sanctions the above

Griffin

7 P Collect

He is being kept under the influence of anodynes and is comparatively comfortable tonight. Dr Ward will ~~be~~ remain here for a time -

T. A. EDISON. 1 S. L. Griffin

Menlo Park, N. J., Oct 26 1878

G. P. Fowry 3 Broad st NY

No particular change in Mr Edisons condition Dr Ward here all night. Called in Dr Dailey of Rahway this morning on account of Mrs Edisons condition whose condition is not favorable. Dr Ward says he will certainly let me know if Mr Edison gets worse and approves of your suggestion to have physicians from NY if necessary

S. L. Griffin

56 paid 17

8 54 a Dr

T. A. EDISON. V Dr L. D. Ward

Menlo Park, N. J., Oct 26 1878

Dr
Mrs L. D. Ward
47 Walnut St Newark
N. J.

Will not be home before One o'clock at the earliest

L. D. W.

10 paid

8 55 am Dr

T. A. EDISON. 5 Pres. Light P. Co. and J. J. Doty

Menlo Park, N. J., Oct 26 1878

Edwin M Fox
Ny Herald Office
N.Y.

~~[illegible]~~ We have
the pleasure to announce
that Mr. Edison is the Father
of a twelve pound boy
which came at nine
o'clock this morning
Mother doing well
little the Father

Dow Ward & Daily

12 pound 69 cts

T. A. EDISON. 7 T. A. Edison

Menlo Park, N. J., Oct 26 1878

G P Lowrey Tarrytown NY

Been up and dressed this afternoon
feeling better got a twelve
pound boy all doing nicely
Edison

16 DH 5-09 P.M.
19 ma

JAMES PARTRICK. FRANKLIN S. CARTER.

Partrick & Carter,

PRACTICAL TELEGRAPHERS and ELECTRICIANS,

MANUFACTURERS OF AND DEALERS IN

TELEGRAPH AND ELECTRICAL INSTRUMENTS and SUPPLIES,

No. 38 South Fourth Street,

Manufactory: 610 and 612 Filbert Street.

RAILROAD SUPPLIES

OF EVERY DESCRIPTION.

Philadelphia, Oct 26 1887

Mr Edison

Would Park up
Ship — We have call for a
Lancuter with good slip
for Spectroscopic work — "what
do they want please notify
us and we will answer
them — answer quick

Yours
Partrick & Carter

WEXEL y DE GRESS,

No. 2 1ª Calle de Plateros, City of Mexico.
No. 106 Calle del Cabo, Valparaiso, Chile.
No. 131 A Calle de Carabaya, Lima, Peru.
Panama. Santiago.
San Luis Potosi. Guanajuato.

WEXEL & DE GRESS,

Arms and Ammunition,

MILITARY EQUIPMENTS, &c.

J. W. WEXEL, City of Mexico.

FRANCIS DE GRESS, Care of A. Gross & Co. No. 75 Murray St., N. Y. P. O. Box 5690.

New York, Oct 26 1878

Mr Griffen
Menlo Park
N.J.

Dear Sir

I was in hopes of seeing you yesterday afternoon at Mr Batty's office, and regret for not having had the pleasure to do so. – My object was to speak to you with refference to obtaining the agency for Mexico for the sale of your Phonograph. I now respectfully ask that Mr Edison will please grant us (Wexel & DeGress) the exclusive agency for Mexico, for the sale of your Phonograph. Telephones and Electric Pens. – There is no one that can promote the interest of the above mentioned instruments better than our House. – We are Established in the City of Mexico Ever Since 1866, our house is well known all through the Republic of Mexico, having several branches in the principal states of

WEXEL Y DE GRESS,

No. 5 1ª Calle de Plateros, City of Mexico.
No. 106 Calle del Cabo, Valparaiso, Chile.
No. 171 A Calle de Carabaya, Lima, Peru.
Panama. Santiago.
San Luis Potosi. Guanajuato.

WEXEL & DE GRESS,

Arms and Ammunition,

MILITARY EQUIPMENTS, &c.

J. W. WEXEL, City of Mexico.

FRANCIS DE GRESS,
Care of A. Conan & Co.
No. 22 Murray St., N. Y.
P. O. Box 5692.

New York, # 2 1887

that Republic. Mr Beardslee who is in our employ at Mexico, is the only practical Electrician in that Country. We have always men traveling through the interior of Mexico in connection with our house. I have shipped to Mexico a pair of your Telephones, since then a Large Phonograph and shall ship also ship next week an Electric Pen #3 complete and another large Phonograph — Considering the advantagous we possess and the interest we have already taken in Mr Edisons inventions, I think we are entitled to the agency in prefference to others.

When the Electric Pen will reach Mexico, we shall then have a complete set of samples of Prof Edissons inventions. our object is to push the Sale of all your inventions in the Republic of Mexico and advertise of trusing and make this beneficial for our mutual interests.

With kind regards I am yours truly

333 Mt. 18th St.
Mad. Oct. 20-78.

Prof. Edison:

Dear Sir:

I am requested by the Lecture and Board Committee of the Prof. Teachers' Association, to communicate with you in relation to the plans of the Assn. for the coming season. But first, please allow me to say, if you should be that acts organiza-

tion has primarily for its object the elevation of the Teachers Profession in this great city. It is free either from religious or political bias. The members are all teachers in the Pub. Public Schools. Our roll embraces nearly 2000. The only fee required for a teacher to become a member & to enjoy all the privileges of the Assn. is one dollar, paid at the threshold of the new year. With the fund thus created we give public entertainments, i.e. Lectures, Concerts, &c. &c. absolutely free to the members & their invited guests. – These are held either in the Academy of Music, Steinway or Chickering Hall, usually in Steinway. – Our last lectures were by Mr. Eric I. Fenlon of Boston. –

Our corps of lecturers, frequently of a high order, your name, – have been some of the first

of your genius, — and
adding heart-testimony
to your signal ability.
We hail you as one
of the sons of the
age, & all are strongly
desirous to
hear & see you.

On what conditions
will you give us an
evening with your
wonderful machines
— probably a Saturday
evening — at Stadt-
ungs Halle? I earnestly
hope to hear soon
that some arrangement
can be made satisfactory
to you & to our society
— answered

I remain
with the highest
respect.
Yours very truly,
Chas. H. Ohmer,
Chairman of
Section 2 Home Ec.
Prof. T. Arn.

P.S. The views come
to me through the
Press that you are
ill. May the cloud
soon pass. –
Yours as before,
C.H.O. –

Ulwell Oct. 27. 1878

To Mr Edison
at New York.

The undersigned has always occupied himself with scientific & physical researches and has published several papers on these subjects in Poggendorff Annalen, Archives Néerlandaises etc.

I have invented a new coal telephone which in Holland is known under the name of Edison. Throwing telephones and which permits every speaking along in long telegraphic wires. I have also made very delicate experiments about galvanic heat by means of Your thermostat and by substituting for the chronometer in the Wheatstone bridge a second thermostat of the same dimensions as the first, made it independent of variations of local temperature.

On the same principle as the thermostat I constructed an Aneroid barometer, which on a revolving cylinder registers the air's pressure

pressure by means of a special galvanometer.

Since Mr Blackstaff's discovery of new pencils for electric light, the problem of getting cheap electric light has cost me much time. I succeeded to get a good steady light by the current of three Bunsen cells of considerable size, but its duration was no longer than half an hour. A good measure of time I found in a slowly rotating cylinder, covered with paper, impregnated with Gen. Kalmann's, which the current traces a blue line during its passage.

But all these and other experiments gave me more occasion to spend than to gain money and, though producing an honorable employment, offer them I cannot struggle for existence.

Now all the newspapers are full of Your wonderful discovery about electric light, which threaten to make a complete revolution in social life. Soon there will be in all countries a heavy combat between the new light and that of coal gas.

Everywhere there ought then to be

pour

persons who recommend and intro-
duce Your invention and defend it
against prejudice and calumnies.
Under these circumstances I am bold
to ask, if You cannot encourage my
efforts and ameliorate my situation
in the same time that You take care
of Your own advantage, by charging
me with the general agency of Your
inventions for the Netherlands and its
Colonies.
Though unaccustomed to that sort
of business, I'll be a faithful and
hard servant, and as for technical
and mercantile details, I can secure
me the aid of many persons of great
experience and ability.
If You incline to my proposal, I
am anxious to receive ample instructions
and information of every kind.
In every case I remain a true admirer
of Your unrivalled force of invention
and do call on with utmost respect

Yours obedient
J. H. Herring
Phil. Nat. Doctor.

My address is:
Dr. J. L. Herring
Teacher of Physics at the
Royal high English school
at Utrecht.

Rissbrown
Brownsville, O
William Hallowell

Innsbruck 27 Oct
1878.

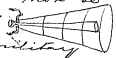
Professor T. A. Edison
Menlo Park

My dear Sir,

I am still without your letters. Of course you must be very much engaged in your experiments with the Electric light &c. and have not much time for correspondence. Since writing to you last, three weeks have passed since I have been experimenting with Telephones, Microphones, Megaphones and Phonographs during my leisure hours and come to relate to you my experiences. Using Bells Telephone in connection with the battery, Leclanché & Daniel station and Hopkins Microphone, as published in the Sc. Am. I obtained pretty good results. This is, I could stand 10 feet from the Telephone & my speech could be heard at the receiving station very clear and distinctly through tubes like those you attached to the Megaphone, but only by putting the tubes into each ear. I have not seen or tried any Telephone that cd give the voice sound without holding the receiver to the ear. Please, dear Sir, let me know if your last improved Telephones do this, for, if they do not, their use in mines is very limited,

because the outside noises are interfering very much. In my lead mine at Nassau N.B. I have a fine field to try the Telephone in a most thorough manner. You have promised to send me a couple of your Telephones but have forgotten to do so.

Megaphone. I have constructed two apparatus like the sketches in the Sci. Am. and have made several experiments with them. I intend to use them at the mine to speak and hear between the village and the miners house, a distance (in a direct line) of 1 Kms. A small dynamit cardridge is fired as a signal and then conversation begins. Could the Megaphone not be simplified using one or two tubes (one inside the other) and in rings, like a telescope? For military operations, such a speaking & listening tube (say 6 feet long) would be valuable, specially when made in portable sections to be carried on a mule. You promised to let me know the progress you are making in the construction of megaphones for the use of deaf or rather half deaf people. I should think that you could contrive a small apparatus worn on the ear or to be placed into it that would concentrate & give off the sounds to the eardrum. –



Phonograph. I am still working to get the Parisian imitation or rather adaption to speak. I tried a wooden, then an ivory spring – but both broke, I have just ordered a steel spring again, which I intend to dampen with a few rubber tubings. I ordered the needle to be made chisel shape so as not to make that infernal scraping noise on the tinfoil. I made also a funnel of fine pasteboard 1½ feet long, so as to get the sound. I don't think however that this kind of apparatus will make a very favorable impression if brought before an audience. I intend to try a thin wooden, also an ivory plate. Let me know a little how far your Phonograph has advanced. –

Electric Light. I have been asked again by our Bingmeister to inquire price of machines &c for illuminating the streets of this town. We have splendid water powers close to the principal streets say 120 h. and the Gas Contract is only running a couple years longer. Can't I assist in the introduction in this country. Please let me know what you are doing in this matter.

You see, dear Sir, I don't give you any peace until I shall hear from you. I asked my worthy friend Mr. Hale, for, merely connected with the Journal of Commerce, to see you and get a reply to some of my many questions.

Happy to hear from you soon,

I remain, dear Sir,

Your admirer

A. L. Fleury.

Benjamin Coates, Jr.
Jr. Street
Ho. Wo

T. A. EDISON.

/ 1875 Nov

Menlo Park, N. J., Oct 28 1875

N.Y. 28
Thomas A Edison Ms
Very important news from
Bouraud how can I communicate
with you
Louis Fitzgerald
120 Broadway

12 paid
L G

T. A. EDISON.

Menlo Park, N. J., 187

McCormick & Co
13 Hiram Street
New Brunswick N.J.
Send men immediately
to house we shall freeze to
death
Edison

10 [illegible]

12 03 pm

T. A. EDISON. 5 10 30 Am

Menlo Park, N. J., Oct 28 188

NY 28
S. L. Griffin Menlo Park

Note and enclosure received today Have been out of town Will examine and return papers soon as possible
Thos Dolan

(EATN)
mk 9

T. A. EDISON. 6 S.P. Lowry 11 20 P.M.

Menlo Park, N. J., Oct 28 1878

NY 28
S. L. Griffin Menlo Park

I will go out about noon Dr Keyes will go by one forty train if possible to get away Edison's Dr otherwise should meet him
G. P. Lowry

24 DH.
mk 9

T. A. EDISON.

2 Governor P. Lowry
10 10 am

Menlo Park, N. J., Oct 25 1878

My 8 Griffin Can't A Edison me
Howard Mr & Mrs Edison today
Governor P Lowry

1/2 past 8 pm

T. A. EDISON.

1

Menlo Park, N. J., Oct 25 1878

Governor P Lowry
3 Broad St NY

Both better - I will call
on you at One P.M. Griffin

10 PM
tis an error
10 1/2 am Griffin

T. A. EDISON. 38 S. L. Griffin

Menlo Park, N. J., Oct 28 1878

Governor P Lowrey Esq
34 W 15 st
NY

Edison says come - If possible
bring Dr Keyes Edison suffering
great pain tonight -
S L Griffin

1 5/8 DH time to NY

7 5/8 P.M.
9 Ty

HUDSON HOUSE.

M. Hudson, Proprietor.

Lansing, Mich. Oct. 7th 1877

Thomas A. Edison

Dear Sir

Your circular regarding a Megaphone received. I purchase one now for exhibiting purposes. I am operating the Phonograph to large audiences. I have a lecture, has known model. I am testing its powers by playing a whole brass band and in the reproduction it can be heard all over a large Opera house. I let a whole Choir stand around my instrument and sing and in reproduction every voice can be heard clear & distinct.

I fancy if I can only get some more of your inventions with this I shall do big success.

I wrote unto the said Stock exchange Co. but get no reply.

I would much like the Megaphone

HUDSON HOUSE.

M. Hudson Proprietor

Lansing, Mich ..... 187..

in connection with the Phonograph
I would operate it on a percentage
or any plan you might suggest
and will give you security as
to myself in return or I
would purchase one outright
I want one if possible
to get it

I have a number of fine
notices regarding my success
with the Phonograph which
I can send you if desired
Let me hear from you
by return mail

Very Respectfully Yours

Frank J. Kellogg

Address
Lansing Michigan

Theo. Puskas

THEO: PUSKAS
1, Place de la Bourse

Paris, le October 21th 1878

My dear Edison.

I have to-day forwarded you your Diploma by mail and your gold medal as grand prix by Express. From the New-York Herald cable you will already know that you have also been decorated with the legion of honor, which will be sent you directly either by chancellerie of the order or through Prof. Mc Cormick.

You have thus got the highest award and honor that could be given, and I congratulate you heartily on your success, to which Dr White, the president of the Cornell University has partly contributed by exposing your case very warmly.

I have to-day received a letter from the german patent agents saying that the patents have been published but that he has received notice from Mr. Schmidt and Haenel to the effect that the said gentlemen intend to oppose the granting of the patent on the ground of premature publishing of the invention. Mr Serrell has been adviser of this and I would ask you whether you intend personnally and through Mr Serrell to contest this matter or whether you want me to take up the fight, which I shall very gladly do, but

Must in that case ask you to let me have, as soon as possible, all necessary powers.

Very truly yours

Thos. Rucker

Mr.

Thos Rucker Esq
Pueblo

Respecting
Gov's message
Chapman Telephone pat
and Nat Bk

J. C. REIFF,
President.

AMERICAN AUTOMATIC TELEGRAPH CO.,
No. 52 BROADWAY.

New York, Oct 28th 1878

Note & File

My dear Edison: I hear
you have improved wonder
the enthusiasm of joy on
the new comer.
I hear you already wonder
if he will also be an inventor.
I trust Mrs Edison is doing
very nicely.
For yourself my dear friend,
you must go slow & give some
proper attention to your health,
or you will leave a young
widow & somewhat behind, besides
defeating the world of possibilities
known only to you.
When you are again about the
shop, I will come out to see
you, but not to stay all night
while Mrs E is indisposed.
How are you having the boy?
What do you say to Franklin Faraday Edison?

Yr

J. C. REIFF,
President.

AMERICAN AUTOMATIC TELEGRAPH CO.,
No. 52 BROADWAY,

New York, Oct 29 1874

My dear F.A. I have written to Conn about the Cow. A personal friend of mine down Jersey has quite a herd of Alderneys — I have written him to know at what kind he will sell out —
If anything we have here, you can depend on it for best milk giving quality. I impute all you require in instrument —
Bruce the baby was for me

J C Reiff

Mr Oct 29
George Barker
Nov Oct 31 78

35 Madison Ave
New York
October 29, 1878

Dear Sir,

The writer of the enclosed letter is T. Spencer Wells, Surgeon to the Queen and one of the most eminent living. As for example he has performed the operation of ovariotomy nine hundred times, by which, as Lord Selborne said in a public speech, he has added to the life of women in Great Britain fully ten thousand years.

You probably do not recollect me, as I have only met you once when

Country - 2

Dear Sir - I

I was introduced to you by Mr Lowry at the Court House, when summoned to testify in regard to the effect on health by the noise of the elevated railroad. On the strength of this introduction I venture to ask for a few lines in response to Mr Wells, whether you think it worth while to interest yourself in the subject

I should think if electricity could be used as a motive power to "blow organs" that thousands could be sold in England and in this

Country, I should think it would be used for motive power to blow organs.

Yours truly

Paul Rau

JAMES PARTRICK. FRANKLIN S. CARTER.

Partrick & Carter

PRACTICAL TELEGRAPH BUILDERS AND ELECTRICIANS,

MANUFACTURERS OF AND DEALERS IN

TELEGRAPH, ELECTRICAL INSTRUMENTS AND SUPPLIES.

No. 38 South Fifth Street,

Manufactory, 614 and 616 Filbert Street,

PHILADELPHIA.

RAILROAD SUPPLIES

Philadelphia, Oct 29 1878

T. A. Edison Esq
Menlo Park

Dear Sir – We have started in and are now making the Voltameter Thermoscopes and Tasimeters, and we propose at once to send out a Circular to every College in the Country. We propose to sell the Tasimeter alone without Galvanometer, please let us know what you think a fair price to charge for them, also for Voltameter & Thermoscopes, please send us a rough sketch of the kind of Circular, and also send us your letter giving us the authority to manufacture and sell them, which we

Ans Oct 24 '78
P&C

will publish on the circular and will no doubt aid the sale of them much. — We think you are treating us rather bad in way of money as we manufactured them for cash as you supposed and as there was no profit in it, we think you might send us a check after waiting so long — please reply also about the slit in vaccinator to be used for spectroscope

please reply with check

And Oblige
Patrick J Carter

OFFICE OF

CAMP & MILLEMANN,

153 WEST STREET.

New York, Oct 29th 1878

Prof T A Edison

Dear Sir:

Mr. M. L. M. Lowry of Menlo Park refers us to you for information as to his financial standing &c

Any information you can give us will be duly appreciated by

Yours truly

A L Camp & Co

T. A. EDISON. 7. G. P. Lowrey 9 a.m.

Menlo Park, N. J., Oct 29 1878

Nly 29

Dr Leslie W Ward
Newark N J

Dr Keyes & I will go on ten five train this morning and get off at Metuchen if train does not stop at Menlo

G. P. Lowrey

24 DH
Nally

T. A. Edison

Menlo Park, N. J., Oct 29 1878

Dr Leslie W Ward
Newark N J

Dr Keyes will be on train leaving NY at ten fifty five also Mr Lowrey Can you not meet them

Edison

20 DH

10.35 a.m.
G. Ma.

T. A. EDISON. 2 G.P. Lowry / S.L. Griffin 10 am

Menlo Park, N. J., Oct 30 1878

S.L. Griffin
Mo

How are the three patients. See "words" this morning.

G.P. Lowry

9 N.T.
Stamp Mail

2

Mo Oct 30, 78

G.P. Lowry & Board of Nij

All doing nicely, Edison slept twelve hours & is no pain

S.L. Griffin

10 N.T. this am amo

10 ½ am
G.P.L.

T. A. EDISON. H. R. Butler

Menlo Park, N. J. (Oct. 30 '78) 187

New York 31 OT

~~H. R. Butler~~

will Mr Edison be at the laboratory today

H.R. Butler

Menlo Park 31

H. R. Butler
New York -

No 1

~~No to be sick~~

no I am sick -

Edison

4 N.T.

Cm t Ed -
11 40

T. A. EDISON. / 10.10 am

Menlo Park, N. J., Oct 30 1878

N York 30
Thos A Edison ms
Will you be at the laboratory
today
Howard R Butler
Asst Secy

TMA
1 Mdy

No 1

Ms 30.78
Howard R Butler NY
He am sick in bed
T A Edison

5 SH
10.40 am
1 May

T. A. EDISON.

no 3 Menlo Park, N. J., Oct 30th 1878

En Bishop.
Tremont House
New York

No change in situation. He will probably be out ~~tomorrow~~ in few days
Edison

14 RH

834 Main St.
Richmond Va Octo. 30th 1878.

Mr Thos A. Edison
New York.

Dear Sir:

Referring to my note I wrote you a few days ago concerning my electro-heating apparatus, I desire to say that a gentleman who is now here exhibiting your phonograph Mr Wheeler has seen it and has had the modus operandi explained to him in full. I mention this for the reason that if you were disposed to examine into the merits of the invention through another person, Mr Wheeler might give such an expression of its feasibility and utility as would in your opinion be entitled to more weight than any opinion expressed by me.

I think the time has arrived for me to push this invention and in case of my meeting with disappointment in one quarter, I shall try another.

I am very respectfully
A. Leigh Benton.

834 Main Street
Richmond Va Oct. 1878.

Mr Thos. A. Edison
New York.

Dear Sir:

At the risk of having my letter treated with silent contempt, I have concluded to call your attention to my electro-heating apparatus, patented March 23rd 1869, No 88806; and also to my circuit-changer, patented July 8. 1870, No 105922.

All I ask in the first place, is for you to simply examine into the principles of the electric-heater, and form your opinion of its merits afterwards. I have been delayed in the full development of this invention from various causes, but principally from a want of sufficient capital, and from the fact that no machine (magneto-electric) had up to within a few years ago been constructed with a view especially for producing a heating or quantity current.

I have experimented with the "Wilde" ma-

chine with good results — and have in my possession models showing the effect of the heat — but I am satisfied it can be improved upon, and the price of such a machine so reduced as to make the application of electric heat both feasible and economical. A tolerably full description was published in Van Nostrand's Engineering Magazine for Septr 1869, and about that time the newspapers of the day were full of the invention, but like many other inventors I have met with difficulties which have had the effect of retarding me.

There is really no limit in the applications of the electric heater. As applied to railway cars, it is proposed to place it under the feet of passengers, and the machine for producing the current could be operated by the axle of the car. Applied to buildings, the current could be conducted by cables under ground — as gas and water pipes, from some central source.

The long and short of the matter is, I wish to bring out this invention and am not able to do it single-handed; and if could form a combination with yourself or any body else, I would be glad to do it and would make the terms easy and satisfactory. Therefore if you feel disposed to look further into it, Mr. Wm F. Cowing, Broker, 7 Exchange Court, & 52 Broadway, New York, could give you all the information you desire.

But before closing, I will give you a rough pen & ink sketch of the electric heating chain or coil. It is simply composed of alternate obstructions and fine conductors thus: □-□-□-□. Now this chain might be 20 or 100 feet in length, but it is by arranging it in a compact form and having it properly insulated that an amount of heat is produced in proportion to the power of the current, the diameter of the obstructing medium and the radiating surface of the whole mass. An electric current in passing through this aggromation goes freely through the larger metal, but in passing over the small wires is obstructed and as a consequence heat is evolved, and they would be fused but for the fact that the larger metal takes up or absorbs the heat and radiates it.

I am very respectfully
Your Obt. Servt.
W. Leigh Burton

N York Oct 30th 78

Thos A Edison Esq

Dear Sir

The following is the a/c of Phonograph receipts, up to date - as furnished me by Mr Smith —

2 Exhibitions at Ushuwall	Tierra del Fuego	$26.75
1 " "	Panama	70.00
1 " "	Punta Arenas	28.00
2 " "	Sanjose Costa Rica	92.00
1 Private Exhib	" "	15.00
1 Exhibition at Cartago		15.00
		$237.75
Deduct 15% for depreciated Currency		37.00
		$200.75
Due T. A. Edison 15%		31.50

Enclosed Please find my check for the amount $31.50 which Please acknowledge - Mr Smith says if he had a Phonograph which would give 50 or even 30% better Results he could treble the receipts - I spoke to you some time since in regard to one of the new ones and you promised to let me have one for $75

Net. Please therefore pick me out the best working Instrument you have on hand & advise me when I can have it & where I can get it. if from Bergmann please give me an order. but if at Menlo Park can you have it securely packed in a convenient box which will do for Transhipment. I should also like to have some information in regard to selling them throughout South & Central America. Can you help me in regard to terms. for how much can I get the $125.00 Instrument (as agent) will it be the same price that I pay you for the one for ourselves personally? Mr Smith asks in regard to the Phonomotor. Has it been perfected yet or when is it likely to be?

I applied to Mr Bergmann for 12 Telephones complete. he says he can let me have them if you dont want them. I have today read a telegram from Smith urging their shipment at once & I hope you will be able to let me have the whole dozen. vessels sails about Nov 9th & they should be shipped on the 6th or 7th. Subject to your approval Mr Bergmann will think allow me 30 to 60 days time. although I may not need that much as I expect a considerable remittance in the course of two weeks proceeds of 1 Doz Electric Pens & several Telephones sold in Costa Rica. I shall probably be able to pay for them in 2 weeks time & hope you will

be able to accomodate me & inform Mr Bergmann to that effect. He seems to think that he would have to pay you your share at once although I understood that you were willing to wait if he was. Smith is endeavoring to introduce the Telephones into the railroad systems down there & from his despatch of this morning urging this shipment for that purpose I judge he has every prospect of success & hence I am very anxious to get these 12 asked for at once. There are parties down there in Colombia & Central America who are endeavoring to get ahead of us by acquiring from this Govt the exclusive permit to put up Telephones. One Robinson is trying this in Colombia — in view of this fact can you not give us the exclusive agency for the Telephone in Central & South America? This will enable us to cut these fellows off — advertise ourselves as exclusive agents for your Telephone — & also to apply in each State for these permits to introduce them. You know that

Smith is energetic & reliable & likely to do very well in that country much more so than any one else – we have already ordered 22 Telephones from you – 10 of which we have & we would have had more had we been able to get them – I am satisfied that Mr Smith will be able to make a better show for you as the exclusive agent for the region in question than if you sold to any one who applied as their order is ultimately bound to reach you through us – If you decide to let us have the agency will you please notify your selling – "Foreign Agents" here to refer all Central & South American ~~eng~~ enquiries to me – I enclose slip from the Herald relative to Bells patent in Colombia – the exclusive privilege in question is of more value & is more of a protection to him than half a dozen patents – Hoping to have an early ~~favorable~~ reply

I remain

Yours very truly

L. A. Ludwig

197 Broadway

The Direct United States Cable Company, Limited.

16 Broad Street

New York 31 Oct 1878

My dear Sir.

How is Edison? I hope he is recovering. I have seen nothing in the papers, so I presume he is better.

Our director Cyrus Mayne is leaving next Wednesday, and if Edison is well enough and it is convenient, he, I think, would probably go to Menlo Park on Saturday. If this is not suitable to you, what day & time would be? An answer by return will oblige.

Very truly Yrs.

Geo Ward

— Griffin Esq

Brooklyn N.Y. Oct 31. 78

Mrs Coburn

No reply

145 Greenwich St
Brooklyn Oct 31st 1878

T. A. Edison
Dear Sir

You will excuse my error in addressing you again. Dr Gowler spoke to me of what you had written him in regard to assistance - Mr Edison it was not because you were under any obligation to any Husband - but merely an act of charity on your part. Our circumstances you know full well - I am compelled to ask alone under the circumstances and thought it better to ask of friends who know him than to strangers -

When I wrote to you asking the loan of $50 - to get started in a

little Business. I thought there was a prospect of my Husband in time regaining the use of his arm without an operation; it has proved differently from my expectations his health is a little improved, though not much. I fear the result.

The 6th of next month he will be operated upon — as suffering so intense he cannot endure longer. I doubt much his arm being saved — also his life. But my whole trust now is in the Heavenly Father.

We are very uncomfortably situated. Does it lie in your power to assist me in making us more comfortable for the occasion — it will be a great charity to one & be greatly appreciated by one who deserves all the sympathy possible.

My poor Husband would be glad to see you in our humble home if you could only make it convenient to come. Please let me hear from you upon receipt of this.

Yours with Respect
Mrs. A. D. Coburn

J. C. REIFF,
President.

AMERICAN AUTOMATIC TELEGRAPH CO.,
No. 52 BROADWAY.

New York, Oct 31 — 1871

Dear J.A.E.

How is the boy?
Harrison named him?
How is the wife?
Expect Rex a reply from my Denny friend about the Cow, mmmm
a Saturday
How are you Lawyer-Man & Electric Light!
As a matter of fact put in your Mental Scrap Book, of Lark the extreme Keenness of reporting that the distinguished G.P.L intimates with a pleasant smile & a knowing wink, that he as at last got such perfect & personal Control of J.A.E. that he can't kick.
It is agreeable to feel that one so kind, generous & faithful is your present & future master. (?) & that you are at last safely bound —
Number of he can read the story of Jamie.

London
Oct 78
Ed Phillips Smith
Ans Oct 30 78

London
October
1878

My Dear Sir,

In the early spring you and I exchanged several letters with reference to my arrangements for Europe, but you decided to remain in America.

I have been on this side of the water for the past six months - circumstances have brought to my notice the fact that nearly all the great American inventors have some confidential agent in Europe to represent them - the agents' office being the headquarters for all the patents out of the United States -

England is the great financial center, consequently London is the place -

I think I could fill such a position with advantage to you -

Peculiar advantages exist here and in Paris are certain very much -

I have resided many years on the Continent; studied my profession in Paris, speak all the modern languages as fluently as my own, and have a range as well as enviable acquaintance in Europe –

My brother D. S. V. C. Smith you already know – as to my integrity I would refer you to my rector, the Rev. Dr. Cooke of St. Bartholomew's Church, 44th Street and Madison Avenue, New York –

I sail in a few days for America and should be truly the recipient of your favors, I hope you will call on Lord Percy & Percy me at any of five, any day after that date so that we can talk the matter over – my office hours are from One till Sixpm –

If we could effect an arrangement I would come over again in the early Spring or summer you might venture –

This matter has been on my mind for months, and I finally determined to write you previous to my return; as this would give you ample time to reflect thought and reflection

For the sake of meeting "face to face" sometime after the 14th of October I leave the Town to remain

Very respectfully yours
Richard Sutton Smith

To Percy & Percy

SALLE CELLARIUS
10, boulevard des Italiens
(En face du Théâtre)

AUDITIONS
DU
PHONOGRAPHE
d'EDISON
1878 – 1879
DIRECTION

3 octob. 1878

Monsieur,

Je vous ai tant parlé d'Edison depuis ma dernière lettre, c'est que j'ai le moyen de vous en montrer.

Le fait d'avoir installé les Compagnies du Phonographe, & d'avoir créé avec Volt appareil un succès immense (nous touchons à 90.000 francs de recettes, & la part de M. Puskas approche de 30.000 francs) m'a placé à Paris, comme votre représentant. Et cependant je ne le vois pas. Mais le public ignore ces choses & ne s'inquiète pas de savoir si c'est Puskas ou Pierre ou Paul ou Jean-Baptiste qui est l'agent d'Edison. Le public ignore Puskas. C'est à moi qu'elle s'adresse, en ma qualité d'auteur de 2 volumes sur le téléphone & le phonographe, & plus en ma qualité de directeur des auditions du Phonographe d'abord à la salle des Capucines, puis aujourd'hui ici à la salle Cellarius.

Vous le voyez, à la

Or la foule de questions
auxquelles j'ai répondu en
certifiant que bientôt nous aurions
à Paris toutes ces inventions, dont
les journaux américains sont remplis,
aérophone, megaphone, Lumière
Electrique &c. Pendant quatre mois
j'ai dit que ces inventions ne
pouvaient tarder à paraître à
Paris. Votre nom d'inventeur étant
préservé, j'en attendais prétentieusement
mais je dois vous informer que
M. Puskas étant un homme mutet
essentiellement muet, je n'ai jamais
pu obtenir de lui un seul mot de
réponse. Il m'a montré votre dépêche
par câble sur la Lumière Electrique.
Cet tout
Ce n'est pas assez, pour une ville comme
Paris, pour une presse comme
la presse de Paris, qui à la suite des
derniers incidents produits à la Bourse
y ailleurs, commence à me demander
si oui ou non je suis sorcieux.
Si oui ou non, vous avez réellement

lire.
Plus de
le siège de
acheter les
Commence à réclamer
aérophone qu'on lui avait promis.
Et Pierre Giffard, votre serviteur,
Commence à envoyer au diable les
sourds, les amateurs d'aérophone et
autres citoyens, attendu qu'il ne
fait plus quelle réponse leur faire.
Quand je leur promettais toutes
ces inventions pour le mois prochain
ils me riaient au nez, car voici
six mois que nous répétons : le
mois prochain.
Je vous parle très-sérieusement.
Chez vous, à Menlo-Park, pénétrez
-vous bien de ceci que votre réputation
d'inventeur va être en jeu d'ici
peu si vous ne me fournissez pas
les moyens d'indiquer au public
ce qu'il y a de vrai ou de faux
dans tout ce qu'on raconte.
Au reçu de ma lettre, je vous en
conjure très-sérieusement par admiration
pour votre talent autant que

Mon Sym[illegible] dy. mois
Tor ce point [illegible] ? L'aérophone existe-t-il ? ou est-ce un produit de l'imagination des reporters & autres du Daily Graphic ?
Le Mégaphone est-il un instrument qui soit pratique pour les sourds ?
Avez-vous réellement trouvé la Diaphanité infinie de la Lumière Electrique, & pouvez-vous obtenir une date prochaine de la publication de vos procédés ?
Si votre réponse est précise, tout est sauvé. Dans le cas contraire, je dois vous avouer que, malgré le merveilleux phonographe & précisément à cause du phonographe, qui fait que on attend tout de votre Science, les Français ne pourront qu'accentuer le mouvement d'incrédulité qui se produit déjà quand on parle de vos inventions.
Prenez ma lettre pour ce qu'elle est, à l'instante admiration pour vous la plus grande sympathie. Il vient pénible de vous ! Ce qui j'écrit & ce qui j'imprime déjà contre vous.
De grâce, & pour confondre les calomniateurs, répondez. Ne vous croyez pas au-dessus des calomnies. Votre silence sera toujours mal interprété. Lundi j'aura une lettre de vous, je pourrai taire tout le monde, & votre réputation ne sera pas grande à Paris, déjà ébranlée.
Faites traduire avec soin ma lettre, & écoutez-la avec soin. Il y va de votre intérêt ; — & quelque chose du mien, qui suis comme un spectateur & juge de ce coup d'une partie de cartes.
Cordialités empressées
Pierre Giffard

T. A. EDISON. Parkes (OCT 1878)

Menlo Park, N. J., 187

Write Puskas, say papers need ok tonight on translating them with a Dictionary. write such them on first steamer which is next wednesday which is the 9. They will go on French steamer and you will just get it and that is all. About the phone receipts I think 1/2 would be fair, I take pleasure in informing you that I have discovered a new telephone which no magnet is used. It reproduces the voice several times louder than any magnetic receiver. Whispering is reproduced so as to be heard 1 foot away from the receiver. The Electric Light is going to be a great success, I have considerably interested Wm H Vanderbilt & friends have taken it in this country and tomorrow advance $50000. to conduct experiments.

T. A. EDISON. Parkes

Menlo Park, N. J., 187

I return 1/2 of the Capital stock of the Co they are to form and also receive a royalty of $30,000 yearly if it proves successful & economical than gas which I am sure it will be. Vanderbilt is the largest gas stock owner in America, Carbon Telephone great success here, I furnish 200 carbon buttons daily to the manufacturers (second hand copies) who are making them for the Western Union – I propose to send you through Journal a sample of each kind, I do not send them direct for fear of the French patent law on the subject of imported articles patented in France;

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

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Errors can be guarded against only by repeating a message back to the sending station for comparison, and the Company will not be responsible for mistakes or delays in transmission or delivery of unrepeated messages.

This message has NO PRECEDENCE OVER OTHERS in transmission or delivery, or a great delay under the conditions mentioned above.

A. B. SHEWER, Sec'y. WILLIAM ORTON, Pres't.

Dated Newark N.J. Nov 1st 1878

Received at 1.27 PM

To T. A. Edison

Unless you think necessary I will not come down again until monday if Mrs Edison wishes to see me you can let me know at once answer

27 DH C. D. Ward
mom newarkng

Not necessary to come today.
T A Edison

5 DH

READ THE NOTICE AT THE TOP.

The Direct United States Cable Company, Limited.

16 Broad Street

New York Nov. 1878

My dear Sir

Many thanks for your letter. I am glad to hear Edison is improving.

Captain Magne telegraphs me from Montreal that he cannot leave for NY till tomorrow & regrets he cannot go to Menlo Park till Monday or Tuesday, he sails on Wednesday, so if he pays you a visit I fear it will be on either of those days. ~~I will~~ Give you anyhow. I am much obliged to Edison & yourself, because I know when a man is sick visitors are a nuisance.

Very truly

Geo Ward

S. L. Griffin Esq

Nov 1st 1878

Menlo Park N.J.

Dear Sir. Will you be at home on Tuesday evening 5th And if so can I have a few moments conversation with you. [illegible] Gerson

T. A. EDISON.

Menlo Park, N. J., Nov 1 1878

No 7

Fred Royce.

Cable Washington

Is Painter in Washington

Edison

4 WH

3 50 pm 4 mo

T. A. EDISON.

Menlo Park, N. J., Nov 1 1878

2

3 50 Pm

Washington D C

T A Edison

Mr

Painter not in Washington I will probably learn his whereabouts later in day and telegraph you

Fred Royce

16 WH

Tel mes Rec'd

T. A. EDISON. 3 516

Menlo Park, N. J., Nov 1 1876

Washington D C 1

T A Edison

Painter is at West Chester Pa

Fred Royce

5 DT

Ans

mal

T. A. EDISON. 1 2 PM.

Menlo Park, N. J., Nov 1 1876

N.Y. 1st

S L Griffin Menlo Park

Wont fail to be in town tomorrow if possible

Lewis Carr

4 paid

mal

New York Nov 18

T A Edison Esq

Dr Sir

When I called on you some weeks ago I spoke to you in reference to a new Phonograph for Mr Smith and you promised to let me have one of the $125 machines for $75 Please send me an order on Mr Johnson to that effect - You have not replied to my interrogation as to what price you will let me have the $125 machines in lots for Export to South & Central America - I understand $125 to be the retail price to the general public & of course we expect to be treated a little better than that same "general public". The one for $75 is for our own use & I hope I will be able to get it by the first of next week - I enclose order for 12 Telephones which please endorse to Mr Bergmann

Very truly Yours

L A Ludwig

T. A. Edison Esq.
Orange

New York Nov 1st 98

Please ship by first steamer 12 box Telephones
Complete to T. J. Smith - Punta Arenas - C.A.

Yours etc
L. A. Ludwig

Newyork Nov 1-78

T. A. Edison Esq

Dr Sir

Please disregard my letter written and mailed this afternoon - Since writing I have seen Mr Johnson who informs me that he will furnish me with a Phonograph at a reduced rate if you will give him an order relinquishing your royalty on the same & inasmuch as you are interested in the receipts to come from this Instrument I have no Resitancy in asking you for such an order - of Course any other instrument that I may buy to sell again I shall not expect this Concession - Further - Mr Bergmann had heretofore promised to allow me 60 days time on the order for Telephones but today he asks me for Cash as he has urgent need of funds - says that if you will give him an order to deliver them to me on payment of his Charge for manufacture he will do so - If you will kindly give such an order you will greatly oblige me - I shall be able to remit the balance to you in 30 days & probably less time - In anticipation of your granting such an order I enclose one for your signature - very truly yours L A Ludwig

NY Nov 1/78

No letter yet from the Herald adv. by Connecticut man —
Have a letter from my Jersey friend — who thought I wrote a wrapper — I wrote him for more info for a good milker for family purposes — will have reply in morning mail —
JCR

NY Nov 2/78

Dear Pa & I have letters from both parties about Boro — I will see two parties on Monday. I think I will receive a sort one for 100 to 150 — although one man wh for Jersey offers $600 — 100 to 150 will be reasonable price for a good one — I will notify you further Monday evening —
JCR

Mg. Mar. 2 / 65.

Valentine Esq.
Dear Sir.

I transmit upon to you an letter which I have received from Mr. Vesey of Patrick St. He is agent for Amer. Ex. Co. and one of the leading abolitionists. If you have any instructions to do relative to matter, you consider be in the hands of a more entertaining and reliable news.

Upon mature well write to me and advise about the matter.

Yours. S. H. L. Pl[illegible]

[ENCLOSURE]

(97)

AMERICAN EXPRESS COMPANY.

OFFICE, CORNER LARNED AND GRISWOLD STS.

M. SEELEY, Agent.

DETROIT, MICH., Oct 30 1878

My dear friend Frank

You will doubtless be much surprised to receive a communication from me.

It is a long time since we met & since you were here I have had the terrible misfortune of losing one of the dearest, sweetest, purest most loving & devoted wives that ever a man had.

You may well know my great desolation in view of such a loss.

You knew Lizzie & her great worth

My children (4) are at my father's in Gr. R. & will remain there until next spring.

I presume you saw a notice in the Courier of my wife's death

(over)

[ENCLOSURE]

I have been commissioned by the Young men's Society of Grace Church, Detroit, with which organization I am connected, to see if you would see Mr Edison, & if possible, see if he would come out to Detroit & give a lecture under the auspices of the above organization, provided the terms could be satisfactorily agreed upon.

I am deeply interested in this Church, am Supt of its Sunday School, & as it is unfortunately in debt, should consider it a great favor personally if you would use your kind influence with Mr Edison to give us a favorable answer.

The citizens of Detroit regard Mr Edison with feelings of loyalty, & in fact, affectionate interest, as it was when he was operating on the Grand Trunk RR between

[ENCLOSURE]

(07)

AMERICAN EXPRESS COMPANY.

OFFICE, CORNER LARNED AND GRISWOLD STS.

M. SHELEY, Agent.

DETROIT, MICH., _____ 187

Detroit & St Thurm that he first began to develope that wonderful genius which has today made his name illustrious throughout the civilized world. Were he to accept our proposition to deliver one lecture at one of our Elegant Opera Houses he would receive a grand ovation, and our appreciation would certainly use every endeavor to make it pleasant for him.

If he favorably views the proposition, please ascertain his terms for one lecture (the subject of course would be one connected with his profession) the time when he could come &c &c.

Now, Frank, please do what you can for me & let me hear

[ENCLOSURE]

from you at your earliest convenience

I should be very much pleased to have you come & see me when you come west

Remember me very kindly to your family & brothers

Yours truly
T M Keeley

Detroit Mich
Oct 8th 78
Letter from Mr Keeley to Frank Pope and a note from Pope in regard to Reisen testimony in Detroit Dec 10, 78

Recd Nov 5 78

T. A. EDISON.

Menlo Park, N. J., Nov 26 187

Mr. J. Griffin

Gathering all available information privately will sum up next Wednesday and mail papers with details

Thos Dolan

ISDK

cey

University of Penna.
Philada. Nov. 3. 1878.

My dear Edison:—

Your letter of yesterday is at hand. The letter you enclose is all "stuff" & is purely fanciful, existing only in the imagination of the writer. I return it herewith.

I also enclose to you a proof of your tatimeter article, as I fixed it up. Please read it as soon as possible and communicate to me any changes or corrections you want made, so that I can put them on the proof I am to return to Putnam. Can you get for me a set of the electrotypes for this article for the Am. J. Sci.? I shall send this article there for the Dec. no.

they may not like to wait till Putnam gets through with the electros, he has. As I have heard nothing from you about the ~~[illegible]~~ voltameter article, I have sent the proof back to Putnam with the corrections I noted on your proof.

You have not noticed my letter of Oct. 23d. Mr. Griffin wrote me that you were sick in bed with neuralgia, and so I supposed that was the reason. I hope you are better again by this time. But this attack should be a warning to you that nature will not always be trifled with. You work too hard and too irregularly. Have more system about your work and you could do the same amount you now do without the danger. Be regular about your meals and sleeping hours; or some day you will break down entirely.

What I particularly want to know is whether I am to have one or two of your burners for my lecture? Under the circumstances, you will place me in a terribly awkward fix after promising them to me, if you dont let me have them. Have you found a "bug" in the light, which is the reason why you dont want me to show it? Be frank with me and tell me exactly what is the fact. May I not, if worse comes to worse, make a lamp to exhibit, like the one you showed me? Anything to relieve me of my embarrassment before the audience. I hope you and Bachelor will

Philadelphia Nov 5 78
Barker.

be able to come on to the lecture.

The National Academy meets in the Chapel of Columbia College on Tuesday next and continues in session two or three days. If you have the time, I should be glad to see you there. If you have any curious things to show I am sure the Academy would be glad to see them.

What about the new light of Sawyer & Man that the N.Y. papers are talking about? It seems to be the lamp proposed by the Russian engineer Sadigurn, revamped. How does it work? I have not taken much stock in it.

I shall try to induce Draper to take a run over to see you some day this week.

Cordially yours George F. Barker

MBM Nov 4 78

My Dear Butler

I am glad to hear
the c.y of Lost Angel
way down in the region
of miasmatic Malaria
For Phones & Tel. address
Bergmann & Co 104 Wooster
St N.Y. The price of a Tel for
1 station is $50 these Tel are good
to stand lightning & be not influenced
Thos A Bell

Rahway, Nov 11th 1878

Hon Thomas A. Edison

Dear Sir

I have been requested by the school children of this city, who got up the Charitable Entertainment at the Opera House on the 19th inst, to communicate to you their thanks for the loan of your Phonograph on that occasion. The instrument was a source of great interest and gave universal satisfaction

Yours very Respy

J. H. Savage Jr

Chairman

OFFICE OF

G. P. BAILEY,

Manufacturer of

Stencils, Steel Stamps, Seal Presses &c.

128 State Street,

AMERICAN SEAL PRESS

Rochester, N.Y. [illegible] 187[illegible]

[illegible]

[illegible]

Dear Sir

I have been long in [illegible] for the [illegible] to write to you on a subject of [illegible] business. It has been some [illegible] since I started for [illegible] of which I have been [illegible]. I came here with eight dollars, and no tools to speak of. I have now about six hundred dollars worth of tools, and a good steel cutting tools, but need a little more capital on hand to stock my shop with goods to sell. Matters in the stencil line the most of holiday is a great loss to me. Now if you would have the kindness to put four hundred dollars into the business, I can [illegible]

get some first class lawyer to draw up the papers, and give you a silent partnership in the business, and pay over monthly to you, one fifth of the entire profit of my business.

There is not a shadow of a doubt but my trade would be nearly doubled, but it did not incur a particular more than it has been for the last three years, it would then give you not less than twenty per cent on the amount [illegible] and I would like the [illegible] when I paid back one half [illegible] at one time, to give you any time until I could pay the last [illegible]

[illegible] I would get the agreement drawn up, and send to you for your approval first.

As it was only acquainted with you for months, and seven years ago, I can refer you to the R. R. Walton & Co, and a host of other first class firms here, as to my integrity and business qualities. Shares I dealt with here. I was pretty well liked about two years before I knew you, and owned real estate to quite an amount which I lost in speculation, which there is no danger of my ever repeating.

I am truly yours

H. F. Bailey

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

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No responsibility attaches to the UNREPEATED MESSAGE and it is delivered by request of the sender under the conditions named above.

A. R. BREWER, Sup't. NORVIN GREEN, President.

Dated Portland Me. 187 P.

Received at Nov 4th

To Mr Edison

Dr Sir

I judge you will hardly remember me. so long ago we worked together. you in Boston & I in Portland - and old associations have, in the rush of business of late, been driven from our minds therefore I'll not bore you with old reminiscences to recall myself to your mind - but will come to business at once

I write in regrence to your electric light - I want to know if you are to apply it to private dwellings as well as public places? How soon will you place it before the public? Have you already engaged your agents? I think I could handle the agency for Maine and New Hampshire for you, and do you good service - being fairly acquainted with every town & city in this district - & being also acquainted with many of the most prominent & influential men throughout both states. I can bring you plenty of endorsements as to my character & ability & can refer you doubtless to many mutual friends. If you choose to do anything for me. I shall serve you faithfully - how faithfully

[illegible]

READ THE NOTICE AT THE TOP.

I think you can judge for yourself after inquiring what my past career has been. I am pretty well known. If it should happen that I cannot serve you myself, I can choose you a man who would be just the man you want. One who would do right by you. A Mr E. Sands of Saco who will call & see you before long – but I can take care of an agency & not interfere too much with my present position. I shall be glad to serve you. Our business is dull & I do considerable travelling, I think I can serve you well.

Will come and see you if you think it best. I can refer you to many telegraphs

4/

probably Geo F. Milliken of Norton & – or Walter Phelps of Saratoga N.Y. would speak well for me as they are very good friends –

I wish you would answer me personally – through the mail –

If you will kindly do me this favor I will be glad to reciprocate whenever opportunity offers – & I may be able to help you materially to introduce whatever you may send down through the district any time in the future –

Remember me kindly to the ticketholder who was so friendly when I looked through your place at Newark a few years ago.

Very Truly
Yours &c
Sam C. Shaw

Mr Jos. Leland Esq

A. W. DIMOCK. E. N. WHITON

Office of A. W. Dimock & Co.

7 EXCHANGE COURT.

New York, Nov 11 1878.

Friend Edison

You see I take you at your word by writing you again "after a week or so".

I trust you can name some afternoon soon when it will be convenient to see Mr & Mrs. Miller + myself for half an hour or less at your laboratory.

He (Mr. Miller) is an English capitalist of large means + high social position, who has become so much interested in you + your inventions that he is unwilling to return to England without having seen you - Mrs. Miller, too, is quite enthusiastic about you - so I shall rely upon your good nature to name some day when if we drive over from Elizabeth we shall be likely to see you; say, if convenient to you, the latter part of this, or the first of next week -

"Gath" who was just in the Office was profuse in his inquiries about you. You made an impression on him -

Very Truly Yours.

A. W. Dimock

By the way I want a "telephone" between my office + 28th St. N.Y. + I want yours, where shall I apply?

MY Nov 4. 98
W F Carr
Electro meter
Cmd Nov 5 ~ 98

#79 Astor House N.Y.
Nov 4th 1898

Prof T. A. Edison
Menlo Park N.J.
Dear Sir

Have you
perfected yet on your Electro-
-meter for your Electric light?
if not I should be pleased
to submit one of my design.
to your notice - also would
like to show you model of elas-
-tic rail for the Elevated Road.
at my expense
If you will wire me that you
will be at Laboratory on Wednesday

6th inst I will come out
in the afternoon.

Very Respectfully
B. F. Leach

Western Union Telegraph Company.
Central Division.

Anson Stager,
Gen'l Supt.

New York, Nov 5th 1878

Thos. A. Edison Esq.
Menlo Park N.J.

My dear Sir - This will be presented by Mr. E. J. Watkins of Chicago President of the City Gas Co. there - to whom I desire your favorable introduction

Mr. W. is a personal friend of mine, and represents a Company that has among its leading stockholders the very best men in Chicago - Any attention you may give Mr. W. will be duly appreciated by yours truly

Anson Stager

E. G. Johnson

Chicago Mch 5th 1876

Prof. A. Edison

Menlo Park N.J.

Dear Sir - Being myself from Ashland Ohio and knowing something of your Eastern associations in that town it has occurred to me that you might care to own one of the finest Residences in your old home - I mean and the name of what is known as the "Bateman Homestead" this property was owned and the grounds laid out by the late Thos. J. Bateman it is situated just N.E. of the town on the East side of the River and 1/2 mile from the Post office - It consists of 15 acres of Excellent land with a fine brick Residence and other buildings among them an "Ice House" & "Brewing Factory" - It has a very fine orchard of standard fruits and some twenty or thirty varieties of shade and ornamental trees it is in good repair and everything considered is the finest location and Country Residence in that section if not in Northern Ohio - I think your relations there (Mr Homer Page) for instance) would verify my statements - I have lost my wife and my business being entirely in this city I do not care to hold the property - should you come to own it you can do so for a nominal price compared to its real value - It is worth $15,000 - You can have it for $7,000 in cash or in payments to suit - Should you kindly answer this letter I will fully appreciate it -

Very Respy

E. G. Johnson

Room 2 Portland Block Chicago Ill.

T. A. EDISON. 2 11 55 am

Menlo Park, N. J., Nov 5 1878

NYS

T A Edison MG

Can I see you at your laboratory today

Howard R Butler
Asst Secy

DW

T. A. EDISON. 1

Menlo Park, N. J., Nov 5 1878

Howard R Butler
Asst Secy NY

Yes come

Edison

DW

1220
9 Mg

NOTE

To
T. A. Edison Esq.
Menlo Park
New Jersey.

FROM
GEO E GOURAUD.
6 LOMBARD STREET E.C.
LONDON. 5 Novr 1878.

My dear Edison.

Light

I am still without any advices from New York in reply to my £150 Cable message. I have no doubt you have done your part and infer that the matter is under consideration and that in due course I will hear. Meanwhile however the demand for Electric light from what I may call "Consumers" continues to show itself by constant receipt of letters and besides we hear more and more of other subdividing inventions from which however, I take no special alarm. There is no doubt that we ~~would~~ are ~~be~~ more ~~and~~ ably strengthened as against any possible competitors through the accident of anybody's having fallen upon your idea or anything appropinating thereto, and getting the start of it through earlier Patents.

I confess I am more concerned than anything about my personal status in this business that as to this

(1)

I must patiently await for your explanations. I have no fear that you have taken care of me as you intimate but what I am most anxious to do is to be as little hampered as possible in the negotiations here. By the way you may not have forgotten our conversation last Spring on the subject of Elevated Light when I urged you to take it up and you then told me you would not do it "so many others were working in that field." If the urgency of my views as to the importance of the subject as then expressed to you had any influence in your really finally taking up the subject I shall feel a sense of special satisfaction. I have been urged to take a seat on the Board of the Rapiff Company but declined to do so for obvious reasons though they are going on with their organization and mean to occupy the field as far as they can but assure me that nothing that they do will in any wise hinder their combining with us whenever we are ready on the basis as already laid before you. Meanwhile also the Wallace people are anxious to co-operate with us here in fact this office seems to be the focus

(2)

for all the Light. I am just now going to "the Prince" building to see the Rapieff. This fellow Wendermann's light is being a good deal talked about.

Telephone

I had a visit yesterday from McClure the Manager of Bell's Company who you may remember wrote you. He seems very much exasperated; says Professor Barrett's failure and the extent to which your Telephone has been shown already has done them very great damage. I think there is very little doubt about that as I know so many instances where peoples wish to have yours not only in cases where they now have none but in a number of instances where they already have Bells and find them "not satisfactory". McClure says the Company's action will be brought as speedily as possible and carried to the bitter end; the Directors are very wealthy gentlemen and they mean to prove either that their Patent is good, and enjoy it, or that it is worthless and burn it up. He seemed a little bit staggered when I told him something of the new Receiver but threw himself back on "damages".

already incurred" by the use of their Receiver which he knows to have been shown in Birmingham and to be now in process of manufacture by several Manufacturers." The advice of all concerned here is that we should do nothing further until your new receiver comes so pray hurry it along! Meanwhile the preliminaries are all arranged with several Companies for large Commercial centres and as soon as the new Receiver can be employed the papers will be put through and you will have some considerable cheques to the credit of your Bank Account. My plan of separate Companies in different places is generally approved of. The London Company will have not only the business of London but wherever Else business can be done in districts not the subject of special licences. If you would cable a word indicating that the new Receivers are shipped it would be a very great gratification to me. The simple word "Receiver" will suffice and will indicate that it is shipped on a vessel that sails from New York on the day the Cable is sent.

Yours very truly

[signature]

P. S. A partner of Ladd who is Agent for

(4)

Wallace's machinist here, told me today that he has made a Receiver for Preece which Preece tells him is entirely independent of Bell's in every way and far surpasses it in efficiency when combined with your transmitter: that this is the thing which he has patented but that he had intended always to give it to you as a means of securing your independence of Bell. I replied that it is a pity he had not done it sooner as you had yourself since invented a Receiver &c &c

834 Main Street
Richmond Va Nov 5th 1878

Mr Thos. A. Edison
Menlo Park N.J.

Dear Sir!

I thank you for courteously answering my note concerning my electric heating invention and will beg your indulgence for further trespassing on your time. Your Company being organized for producing both the electric light and heat, emboldens me to write to you in the first instance; and a further acquaintance with your plan for producing the electric light convinces me that we have both been working in identically the same direction in heating a wire of small diameter, the difference being that in your case, the heat to convert it into luminosity; and in mine, radiation; the economy of both depending upon the cost of the production of the electric current. The current then, which would heat your coil of wire to incandescence to produce the light, would pass through a wire also in my invention and the heat so radiated as to prevent the fusing of the small

wise.

But in case of any difficulty in sending a current through a long circuit — say of several hundred or a thousand feet of my heat evolving chain or coil, I have another device by means of which I can send a current through sections of measpary, and cause the full power of the current to be sent through each section the same number of times per minute. This instrument is called a "circuit-changer", and consists of a revolving shaft or cylinder, one end of which is in connection with an electrical machine by means of a brush. On the shaft are points or studs arranged spirally which come in contact with springs which close the circuit and cause the current to take that direction; and moreover the instrument may be revolved with such rapidity as to produce almost a continuous current in each circuit. It is clear to any mechanic that if a machine with a given number of ~~poles~~ points or studs on its cylinder will do a certain amount of work or heating, that one with a larger number could be made to do more without increasing the power of the current.

Now in conclusion, I have devoted many years to the subject of electro-heating and I think I have a "good thing". You have all the means and appliances at your command to give my plan a test in five minutes. You have a far better magneto electric machine than I ever had; and my impression is that if you would grant me an interview at some stated time, I could explain the whole thing in ten minutes; and moreover, if you wish to combine electro-heating with the electric light you can combine the two without any difficulty whatever.

I am very respectfully
Your ob. Servant
W. Leigh Burton

P.S. Perhaps I should state that I do not desire to sell or dispose of my electro-heating invention in case of making an arrangement with parties to develope it, I would be satisfied to retain a certain interest in it, and wait for results

W. L. B.

Richmond Va
Oct 30 78
Nov 5 "
Nov 6 "

Ansd Nov. 8 78

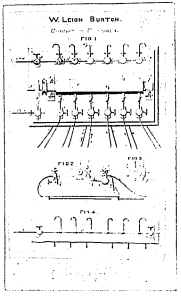
834 Main Street
Richmond Va Nov 6. 1878

Mr Thos A. Edison
Menlo Park N.J.

Dear Sir:

With the view of putting you in possession of such information as may enable you to form a correct idea of my electro heating apparatus, I enclose photo of a model showing how it may be applied for warming railway cars

Fig 1 is a model of an electric heater with the chain or coil referred in grooves so as to form a compact mass, and a sufficient radiating surface to heat the ~~[illegible]~~ metallic plate to without being in contact with it. Fig 2 is a plan on a larger scale of the chain or coil. Fig 3 is a vertical transverse section of it. In this application of the invention A fig 1 may represent a box or case of any suitable fire proof and non-conducting material. BB the space between the coils C the coil resting in its box; FG the wires to be connected with a suitable generator of electricity

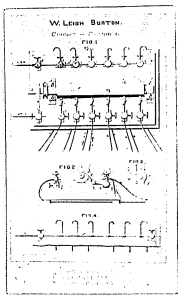


If the wires F, G be connected with an electric machine (say Wallace's, Wilde's or Weston's) furnishing a sufficient power, the current in passing the wires of small diameter D will evolve heat, but by reason of the shortness of these, and the reservoirs or radiators provided by the interposed metal C, the coil may be extended to a great length in order that a large and compact arrangement may be made and a large radiating surface obtained. The tendency is for the obstructions D to become heated, the amount of heat depending upon the power of the current, and the diameter of them it is then communicated to or taken up by the radiators C, and communicated to the plate H.

It is my opinion that this invention would be of great value and convenience applied to railway cars; as a magneto-electric machine might easily be operated by the axle of the car to produce the currents. But there is really no limit to its application as buildings such as factories, churches and dwellings could be warmed as well. Manufactories would of course furnish their own power for operating magneto electric machines; but in the case of dwellings the current could be furnished them as you propose to do in the case of the electric light.

I really hope you will pardon me for so persistently bringing this invention to your notice; but it does appear to me that working in the same direction, with ample means at your command, and with such facility, putting the matter in shape that you would see the advantages of incorporating it with the electric light.

I am very respectfully
Your obt. Servant
W. Leigh Burton



New York, November 7th 1878.

Friend Griffin.

A satisfactory Timing Recorder cannot be operated in running races, and I very much doubt its success in trotting events. The contacts would need to be so sensitive, and the difficulty of arranging them at the five timing points — start, 1/4 pole, 1/2 pole, 3/4 pole, and finish — so as to extend across the track and note the instant when the sulky-wheel depressed the contact-bar, is so great that even the Professor would "skip the job." Suppose a plank 80 or 100 feet long by say 5 feet wide so adjusted that the wheel in passing would record at the Judge's stand and interrupt a Chronograph, — Rarus trots in 2:13 (5 feet in 1/8 sec.) — thats a slim margin.

There a dozen or more false starts to each heat in some trots, and the jockey often lets a horse go to the quarter-pole before returning for another start — the Chronograph must be arranged to "fly back" to 0 so as record the actual start. Then, again, some trots are for saddle horses, and the stride at full speed is from 17 to 20 feet, so there's 3 to 1 odds that

2/ the contact-plank won't be touched by the hoofs.

So there's not much hope of the scheme working. The bells-of-time arrangement would peter out after the half-dozenth false start.

Get up a Kickephone (to be 150 mule-power) for the losers on the races and elections — send one to John Kelly, care Tammany Hall — I heard a fellow at Jerome Park swear a blue fog on Tuesday's races, and if he'd Edison's Megaphone connected for Menlo Park heaven help the woods en route!

I'm working on a Fuddlometer, and Sandy Spencer ordered a gross for Christmas presents to his patrons.

Yrs very truly,

C. A. Shaw

Phila Nov 7 78

J. A. E. — Please answer our letter and send us your authority for making Tasimeters Thermometers etc, we want to get Circulars out and send to all the colleges — answer at once

Yours truly
Parrish & Co

J. C. REIFF,
President.

AMERICAN AUTOMATIC TELEGRAPH CO.,
No. 52 BROADWAY.

New York, Nov 7th 1878

My dear F. G.

I can get the cow I think you want, from my friend C. S. Taylor, Burlington N.J. She gives at present about 9 quarts of milk per day — is quiet & gentle — will calve again about March or April next, but will not be useful to milk more than two weeks about that time. The best I can do is $125 delivered aboard cars at Burlington —

I don't suppose it would cost much to get her to Menlo —

Shall I order her shipped? —

I think it's the best you can do.

I have offered another cow up in Conn for $100, but I don't know the man —

If this cow should drop a heifer calf in the Spring, I presume at 3 weeks old you can get 30 to 50 for it. If so it's ok.

Yr JCR

WEXEL Y DE GRESS.

No. 5 1ª Calle de Plateros, City of Mexico.
No. 106 Calle del Cabo, Valparaiso, Chile.
No. 191 A Calle de Carabaya, Lima, Peru.
Panama. Santiago.
San Luis Potosi. Guadalupito.

WEXEL & DE GRESS,

Arms and Ammunition,

MILITARY EQUIPMENTS, &c.

J. W. WEXEL, City of Mexico.

FRANCIS DE GRESS, Care of A. Green & Co. No. 35 Murray Str, N. Y. P. O. Box 5652.

New York, Nov. 7 1875

Prof. T. A. Edison
Menlo Park
N.J.

Dear Sir

Your favor of the 5th just come to hand and take good note of its contents. I shipped last week together with a new Phonograph a case of your new foil. – I should very much like to see you at your office on business, please appoint a day that may suit you best. –

with my best wishes and kind regards for you & Mr Griffin and Coleman

Sincerely yours

J. W. Wexel

T. A. EDISON. 3 Dr. Leslie D. Ward / 3:00 pm

Menlo Park, N. J., Nov 7 1887

Newark NJ 7

T. A. Edison

No Ward & myself will come down on the five o'clock train this P.M.

Leslie D. Ward

14 Paid
(yes)

Edison's
Electric Pen & Multiplying Press
Geo. H. Bliss — address —
General Manager — 142 La Salle Street —
Chicago NOV. 7TH. 1878.

T. A. EDISON ESQ.
MENLO PARK, N. J.
DEAR SIR:

A MR. R. F. WEITBREE FORMERNY AN OPERATOR AT LOUISVILLE WHERE HE KNEW YOU AND WHO IS NOW TREAS OF A COAL MINE AT COLORADO SPRINGS COL. WAS HERE YESTERDAY AND WANTED TO KNOW IF YOUR TELEPHONES COULD BE USED SUCCESSFULLY IN THEIR COAL MINE.

SCOTT TRIED TO SCARE HIM OUT OF THE IDEA IN NEW YORK SAYING THEY WOULD NOT SATND THE DAMPNESS.

I PROMISED TO FIND OUT YOUR OPINION AND LET HIM KNOW.

HE WANTED TO GO OUT TO SEE YOU WHEN IN NEW YORK BUT CONCLUDED NOT TO INTRUDE AS YOU ARE HAVING SO MUCH ANNOYANCE FROM VISITORS.

HE SEEMS TO BE A GOOD FELLOW.

RESPECTFULLY,
Geo. H. Bliss
GEN. MAN.

PLEASE SEE MY LETTER OF THIS DATE TO SERRELL THE FIRST TIME YOU ARE AT HIS OFFICE.

Weitbrecht is a capital fellow
I know him well
A.L.G.

Blank No. 1.

E. C. Thompson

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been assented to by the sender of the following message:

Receive not to be repeated, but by repeating a message back to the sending station for comparison, and the Company not responsible for mistakes or delays in transmission or delivery of unrepeated messages, nor for mistakes or delays in the delivery of repeated messages, beyond the sum of Ten Times the price received for sending the same, nor for mistakes or delays in the delivery of any unrepeated message over Fifty Dollars, unless a special agreement is made for a greater amount.

WILLIAM ORTON, Pres't, A. B. STEVENS, Sec'y, New York.

ANSON STAGER, Vice-Pres't, Chicago.

Dated Toledo O Nov 8 187 8

Received at

To Thomas Edison

I have had
in my mind for some
time past to write you a
letter, and now I am at
it I understand that
you employ a great many
men, I am thinking of
making a change if I
can find anything that will
prove better profit, I have
been in a good many odd
years here since 1864, and
think a change would be

NOTICE AT THE TOP. READ

probe of much good,
Can you offer me a
place as an aid to
you in your Experiments
and on what terms? You
will find me lively as
ever and pretty competent
to handle Electrical instru-
ments, have many ideas of
my own in the line of
invention and think that
we might cooperate in
things of mine that you
should deem new and
useful, please let me
hear from soon as convenient
How goes the Electric light?

Your Truly Friend
B. Thompson

N.B.
How that talent Edison progressing?

Newmarket 8-18
Geo Price
Ans Nov 9 78

Brooklyn Nov 5 1878

Mr. Thos. A. Edison
Dear Sir

I am very
hard up at present having
been out of employment a
long time. My means are
completely cleaned up. I write
for the purpose of asking
as a personal favour within
you have any thing in the
shape of a job of work that
I can do or if not within
you will lend me on
a mortgage on the lot I
hold in this City the
sum of three hundred
dollars so that I can
start again in business
there is a good opening

for owner in Baltimore but have not the means to start it shop. If you will lend me that amount I will give my note payable in 24 months with interest secured by Mortgage on four city lots here

Please answer
and oblige
Yours Truly
Rio Price

61 Jackson St
Newark N.J.

WHITE STAR LINE

New York City, Nov 9/78

Thomas Edison —

Sir!

I have just arrived from Paris, and have some very valuable information for you in relation to your machine on the electric light. There are a few things which interest it should be kept in Paris if they can, and I would like to have you call me know a short day or two that I can have an interview with you and I will come on from Washington for that purpose.

With your permission I will bring Mr. Thos. Remington the celebrated Mechanical Telegraph artist, as he wishes to make your acquaintance & you. He visits the United States on professional business & he is well & widely & favorably known to Messrs Rossi & Rossi, Patent office, Washington D.C. on Saturday. I can see you and other

Yours very Resp

W. A. Walker

NY Nov 9 78

Walton
just from Paris
wants to see E

Wed Nov 9 - Don't
want to see him

834 Main Street
Richmond Va. Nov. 9th 1884

Mr Thos A. Edison
Menlo Park, N. J.

Dear Sir:

Yours of the 8th duly received, and in reply I have to lay your forbearance still further.

If you desired to make a test of the principles of my electric heater, I could send you a model which would enable you to do so in five or ten minute times, simply by connecting it with a magneto-electric, or other machine furnishing a suitable current.

What I wish to accomplish is simply to get my invention in such hands as will put it in proper shape for practical introduction. This I am satisfied I can never do here in my native city; and although you might not yourself be disposed to take hold of a new thing in addition to what you already have on hand, still a favorable opinion from you as to its merits and feasibility might assist me very materially in accomplishing this end.

Very respectfully
W. Leigh Burton

WEXEL y DE GRESS,

No. 5 1ª Calle de Plateros, City of Mexico.
No. 206 Calle del Cabo, Valparaiso, Chile.
No. 171 A Calle de Carabaya, Lima, Peru.
Panama. Santiago.
San Luis Potosi. Guanajuato.

WEXEL & DE GRESS,

Arms and Ammunition,

MILITARY EQUIPMENTS, &c.

J. W. WEXEL, City of Mexico.

FRANCIS DE GRESS,
Care of A. Gross & Co.
No. 33 Murray St., N. Y.
P. O. Box 5630.

New York, Nov 2 1878

Dear Mr Griffin

I have written to Mr Edison yesterday hope to receive an answer soon, so as to enable me to leave Tuesday morning for Menlo Park. I would like to see you on business; this letter will reach you by Monday if so please send me a telegrame (paid here) so that I can make my preparations to start Tuesday.

Have sent to Mr Edison a package by mail containing Mexican News papers, extracts and a description of the Exhibition of Mr Edisons Invention (or patter of same) - viz - Phonograph, Telephone & Microphone, in which you will please observe that through our bringing these things before the public, how Mr Edison is eulogized. - Hoping to hear from you

Yours very Truly

J W Wexel

Ny Nov 9/78

Dr. Lewis Kiam by
Monday post what it
will cost to get the
car to Menlo w/ Rebuy,
probably wd use $10 or $15 —

Yr J C Reiff

EXECUTIVE OFFICE,
New York.

WILLIAM ORTON, President.
A. R. BREWER, Sec'y.

Western Union Telegraph Company,

Superintendent's Office,

Boston Nov 9 1878

My Dear Griffin

Please excuse my tardiness in replying to your note. I called upon the party who wrote Mr Edison regarding a battery and found him to be Dr Ephraim Cutter, having an office in Tremont Temple. apparently well informed on electrical matters as they concern medical treatment. He's battery is composed only of zinc & copper, he's delt for porous cup and rocks. It has some power and is easily transported being placed in a wooden block and of very convenient size for handling. He will send you a specimen. Shall be glad to hear from you or assist you in anyway in my power here. Please remember me to Mr. Professor. In haste.

Yrs. Very Truly

J. W. Duxbury

St. Louis - Nov. 11/878.

Mr. Edison

My Dear Sir:

I would be glad to know whether the carbon button is for sale as a commercial article, the object of my inquiry being this:

I have devised an apparatus, in connection with which I wish to use the button, as being best adapted. My invention is intended for commercial purposes —

Respectfully

F. E. Nipher.

Washington University.

Havana U.S.
Cette Ciudad 1878.

Nov 13-78

My engañadorando Professor

I request that in future you will not address me as your "dear Butler" for I am not your "dear Butler" if I had been, you would have fulfilled your long ago given promise, not promise, but a multitude of them, you are an arrant – professor. And if I am about right in the region of miasmatic &c you can remove the Water and Kiss the rest, ain't that good?

And then to add insult to injury, instead of sending me a pair of telephones a present saying "My dear Butler in consideration of knowing reflected you so long and broken the Throw and one promise, ~~you~~ I have made you some time & time, also for the interest you have taken, and money you have displayed in introducing & selling my lady mantum the Electric Pen, by which you increased my revenue & enabled me to live Co Sds like a prince, marry the handsomest woman in Jersey & buy handsome paintings on Broadway (especially in the evening) I have sent you a pair of telephones with a small silver presentation plate (Co my 50 times proved) guaranteed to stand lightning or "James". also my micro Daghesatic Phonograph (this is added as you I may thank you for stimulating me to my discoveries in the electric light." (you may remember this & how I worried Bliss to drive you into this matter) but instead of this you refer me to Mr Bergman & quote me $50- for one station Oh Edison!" Oh justice thou hast fled to ve

"Shellifear" — I never expected this from such a
saint, latterly, and I may say handsome man —
However in consideration of the precepts of the Bible
(which has had a good time of it before the diluvian period)
I shall forgive & turn to you my other cheek that you may
smite, leaving all jibes aside I remain Congra-
-tulate you on the happy results of your experiments —
& your great success in all that you have undertaken
I keep myself very well read up in all your advances
as I receive nearly all the scientific papers of England &
the States. I hope Batchelor is well & give him
my regards you may tell him I remember him in the
unholy compact betw. you & "Sell me" —
Have you heard from Wm Houghton how is
he doing? he is a very fine boy & ought to make
his mark as a Show man
I should be glad to know Mr Wheeler's
address if you can favor me with it —
I intended to have had the pleasure of
seeing you this month but have been detained by
my poor wife's illness, which is I fear fatal, the
Doctors have retired & the Clergymen attending
Trusting that you & your family are
well Remain
Yours truly
P. Barton

I am sending Wallace his legs back at his request
in exchange for his new machine —

GEO. L. BEETLE

LAPLUME ELECTRIQUE
9 Rue de la Bourse

a Mr Thos A Edison
Menlo Park N.J.

GRANDE MEDAILLE PARIS 1878 — 1re MEDAILLE PHILADELPHIE 1876

Paris le 13 Nov 1878

My Dear Sir

I take pleasure in introducing to your favorable consideration the gentleman who presents this note viz Baron de Nagliloff of Russia, altho on a business trip to America he is greatly interested in Electrical matters, particularly "Electric Light".

Any favors extended in the way of attention or information will be appreciated by both Baron de Nagliloff and myself.

Permit me to add that this gentlemans financial and social position are beyond question.

Very Respectfully

Geo L. Beetle

T. A. EDISON. 2 4.31 p.m.

Menlo Park, N. J., Nov 13 1878

NY 13th
T A Edison

Will you be at home tonight and may I come to see you Answer International Hotel

Thos E Jenkins

16 Rt

T. A. EDISON. 2

Menlo Park, N. J., Nov 13 1878

Thos E Jenkins
International Hotel
NY.

Mr Edison is sick ~~[illegible]~~ will be unable to see you

A L Griffin
Secy

11 Wt. tis am

4.31 p mo

Indian Department,

White Pines Agency, Col., Nov 14 1878

Thos. A. Edison

Menlo Park N. Jersey - Dear Sir,

There is one thing you ought to do for your self, & for your friends, viz, to have a disclaimer go out, through the press, from yourself, against the use of tobacco. I think I have a right to say this because I use tobacco myself and have used it a good many years. A great many boys will be certain to use tobacco because you do, & a few words dropped to a reporter against the use will have a powerful effect on young chaps. It is possible that some few men, peculiarly constituted, may be benefitted by tobacco, but the vast majority, who must lead common lives, are injured in many ways by its use, - besides, they are kept from thrifty, for, the money spent during an ordinary life time, would buy a farm, set one up in business, or educate a family - Please now, as a favor to the world of boys coming on, drop a few words against the use of tobacco -

..... "The Sun" is doing splendid service to the readers in printing an interview with you, & besides being useful it is immensely amusing which things of course add to the prosperity of the paper yours truly

Fred Dorn

Wm L. Meeker

Boston Nov. 14th

Thomas A. Edison.

A gold & silver medal, I
I saw your engine & think
you made an excellent choice —
accept my Congratulations —
73 —

J. C. Barrett

---

2 Nov 14 78
11th hr

Chicago Ill 14
Thos A Edison
Menlo

I fail to reach R
Gilliland — Do you know
this address And can
you repeat my message
of twelfth to him at
Menlo Park answer

T. Orton

DH

T. A. EDISON. 4

Menlo Park, N. J., Nov 14 1878

T Orton Chicago

Do not know
this address
T A E

DH
11 A.M.
Nov

Nov 15-78

1 P.M.

1

N Y 15

T. A. Edison, ms

Please have papers sent back to Porter, Lowrey Soren & Stone immediately

Howard K. Butler
Asst Sec'y

14 DH

Nov 15 78

2

Geo E. Carman
Care L. W. Jerrell
76 Chambers St
N Y

Bordens condensed milk Co is at two hundred twenty seven East 39th St

T A Edison

14 DH

11 1st Rec'd

N.Y. Nov. 15
53 E. 13th St.

Mr. Thomas A. Edison

Dear Sir,

In July last I had occasion to send to you an article on the phonograph written by myself for a German Weekly of large circulation, here & abroad: N.Y. Belletristische Journal: You were kind enough to send through your secretary Mr. Griffin an invitation which I have been unable to comply with up to date.

But our amiably & excellent Board of Health is working so effectively that there is not very much for us physicians left to do. Since the beginning of this month especially an epidemic of health seems to have broken out that is rapidly spreading & is striking terror in the hearts & expected by in the purses of the undertak-

My Nov 15 78
Dr Rachel

And Nov 18 78

brotherhood, causing in some of them a severe though temporary "Atrophia cerebri".

In part it is these circumstances which will give me more spare time than I have enjoyed in the previous months. I therefore would ask you what time & what day of next week would be convenient for a call of myself & one or two friends of mine.

I should like very much to see you & talk to you personally since I am in receipt of numerous questions in regard to your inventions, the stage of development in which they at present are, how soon they may be expected to be in the market &c so as to enable the public to convince themselves of the advantages promised &c &c.

I also notice an article by a very clever German journalist who under the pseudonym of Julius Stade says all sorts of funny & foolish things about the embryonic state in which as he concludes, your inventions invariably remain.

As he writes also for the Berliner Volkszeitung, a German journal which also reproduced my article on the phonograph, the microphone, &c. & as his Cambrics are copied extensively here & abroad, I propose to translate his last production & read it to you (it is very short!) so as to be able to get some information from you for an authoritative reply.

Hoping to hear from you very soon, I remain, my dear Sir,

Yours very truly

Geo. W. Peckel, M.D.

J. P. Bree

CHILDREN'S AID SOCIETY,

19 East Fourth St.

P. O. Box 114,
Station D.

New York, [illegible] *1878.*

[illegible]

NY Nov 15-78
From J P Bruce to J C Rieff
About a Cow – no reply

1

Nov 16. 78

Boston 16

T A Edison

Menlo

Shall be as soon as possible train late from Fitchburg

Wm Jones

10 paid Bug

2

Nov 16 78

Friendship N.Y. 16

Thomas A Edison

Menlo Park N.J.

To Robt Gilliland there and have got Thomas Orton's telegram of the thirteenth sent to your office please answer

J. Parish

19 paid

1 Nov 16 78

J Parrish
Friendship NY

Robt Gillilands not
here not been here for
some time
T. A. Edison

11 Collect
G Ma 3 sep pm

THOS. FLETCHER, F.C.S.,
MUSEUM STREET,
WARRINGTON, 16/11/78

MEMORANDUM TO J. A. Edison Esq

Dear Sir I hope to be able my complete list is published at intervals by the Buffalo Dental Manufg Co Buffalo N.Y. They make all my things from patterns supplied by me & have done so for a long time. The duties & annoyance of the U S Customs dept around as to totally prevent my sending goods out of the States I know they do a very large business in them & cannot well understand how you have

miss their aboth. I see them
often & have seen by things
noticed by the U.S. Journals scores
of times. It is very certain that
thousands of my fellow-c. must
be in use in the States, the amount
of the remittances received is quite
sufficient to prove that something
shall have a very important effect
not in about 4 or 5 weeks in which
there will be a revolution in the old
system of heavy postages for pamphlets
to the Colonies and I will forward as
the Pamphlets are always some days
in the Letter than expected with
this

Yours W. Lloyd Garrison

Geo. Bin. Merrill, Esq.
Office Liberator
Boston

Richmond Va Nov 16/78
Dr W Leigh Burton

834 Main Street
Richmond Nov. 16th 1878

Mr Thos A. Edison
Metuchen N. J.

Dear Sir

I am exceedingly obliged to you for consenting to examine my electric heating apparatus, and will to day forward it to your address.

I beg to call your attention to the fact that in the model sent you, the attempt is made to give the severest test to the principle of the invention; that is, to send a current through any length of the chain or coil without fusing it. It is twelve feet of it, and the obstructing wires are scarcely more than one hundredth of an inch diameter.

For actual use the case of coarse would be fireproof; the obstructing wires of larger diameter, and the radiators of larger radiating surface, or in bars, like in the rough sketch I send with this, represented by the dotted lines F.

This model has, I might say, been heated

by the current of a Wilde machine, as you will discover by the charred wood in the far corner. The heat exhibited at this point was owing to the wire in being replaced, is a little longer than in other parts of the apparatus; and it is here that a too powerful current would fuse it.

Before connecting with the machine I would be glad if would see that the connections are all perfect, and that the pieces of copper have not slipped from their positions on the small wire.

I might add in regard to the manufacture of this apparatus, that for actual service the radiators might be cast on a wire without difficulty although in the form you see it, its construction is different and more tedious.

The rough sketch I send will explain itself as with a larger obstructing wire (as before mentioned) and larger radiating surface, the same volume of heat may be obtained with a much shorter length of circuit.

Please write me as soon as you make a test, and if you desired me to do so, I could come on for a personal interview. Reply

W. Leigh Burton.

Gold & Stock Telegraph Company.

P.O. Box 5043.

Western Union Building.

George Walker,
Vice President.

New York, Nov 16th 1878

T. A. Edison Esq.
Menlo Park. N.J.

Dear Sir,

Mr Adolph Sutro of the Sutro tunnel has been with me to-day and expressed a desire to see you before his return to the Pacific. He is at the Gilsey House & will have pleasure in calling upon you at Menlo Park if you will be kind enough to give him an appointment. I enclose Mr Sutro's card.

Yours very truly,
George Walker
V.P.

Chicago Nov 16 78

J. McCall

Ans'd Nov 18, 78

Personal.

The Tribune.

Chicago, Nov 16 1878.

Prof Edison,

Dear Sir.

When I visited you in the latter part of Sept. I did not feel at liberty to exhibit any inquisitiveness in regard to the electric light as the conversation had to be carried on in the presence of Capt Cads an inventor, and his pitching agent, partner, assistant or whatever he was. Hence I asked you few vague questions and came away nearly as much in the dark as to the progress you had made as I was in before visiting you. I caught the idea, in fact, as to how you produced incandescence or the point of the platinum wire without

Considering the wide variation of the power of burning fluid is below that of the intensity of electric heat. The conference was beautiful in its simplicity and struck me as a most happy thought. But the great point — the divisibility of the light on a circuit, of that I learned nothing beyond the general remark you made that you found it could be done — divided indefinitely, limited only by the capacity of the machine to produce a volume of current. This was not your language but is the idea of what you said as I understood you. Since then I have pondered over the problem of divisibility of current on a circuit and the more I think of it the more impossible or impracticable it appears to be, until I have almost concluded that you

The Tribune.

Chicago, ... 187..

will find the idea in practice an insoluble mystery. I am not alone in this notion. As the Tribune has not yet perfected its carrier route for the delivery of the daily issue in Menlo Park, I take the liberty of anticipating such regular delivery by enclosing you a correspondent's letter in this morning's Chicago Tribune on the electric light problem. You will notice that he asserts quite dogmatically that you have not yet found a way of dividing the light, and that his discredits the value of Swan's carbon points incandescent in nitrogen gas, or in a vacuum. Note also what he says in the underscored lines, in regard to loss in illuminating power by dividing

Notice with respect that you have been quite ailing of late. You would work for [illegible] if nothing else you would knock off. Every time you feel your brain fatigued, there is a tired man struggling. Your mind must rest—have it drain taken off as well as they, you can only hope [illegible] make your new discoveries after resting a little, and coming back to the task fresh.

I fear the "ouraphone" has got the by and is cast into the dark shade neglect by the dazzling scintillations of the electric ray, and yet there are thousands of spectant souls cut off from the concord of sweet sounds, waiting for the perfect instrument among whom you will be reckoned.

Your friend,

S. Mudie.

Yes thanks for your book. I'd write a letter on science to you. Electric rays [illegible] our instrument [illegible]

St Pe'r Minnes 11/6/73

Dear Sir

Your letter of the 11th enclosing Stat adv. duly rec.d. The advertisers are silent as to "permanency" — a very important point. As "it does not corrode steel pens" I infer that it lacks in this particular & hence does not fill the bill.

I think if the paper to be written upon was chemically treated so that when a fluid was applied the change took place at once — on the mordant principle — the problem would be solved.

Furthermore the paper would be a "safety paper" — an article coming into determine not in our business to prevent raised checks &c.

Inclin. the Treasury dep't is soon to examine several papers of the kind submitted with a view to its use.

Hoping you will find time to experiment in this line & allow me to test it first upon a bona fide letter

I am very respy.

Yours

O. R. Moore

To
Th. Edison Esq
Menlo Park
N.J.

Aron Kiel
Alblasserdam
Holland
Nov 18-78

Awd + Sent lot
papers Dec 30 78

Alblasserdam November 8th 1878.

Professor T. A. Edison.
Newyork.

Honoured Sir,

I am the director of the telegraph station Alblasserdam near Rotterdam, since nearly years in service of the Dutch Netherlands Government which pays his officers very badly. Trying all honourable means to augment my small revenues for my large family, I have studied your inventions as the Telephon, Microphon, Phonograph etc.
I have taken experiments with these instruments. I have invested the telephon and the microphon and they where sounding the tone. And I am studying the electric light, but I have not found out the gas-speeler. Please, honoured Sir, communicate me the new invention of the Telephon, the sound being heard in the room. I have given the proof to every voice, first ringing the electric bell on each

side and then telephoning, but to establish several telephones in public buildings the sound is to be heard in the room.

I pray you, honoured Sir, make me your man happy by communicating him a little from your richness in knowledges and all what you think worth knowing for him. As for the electric light I dare not pray you for any informations. In case you will give me an agency for Holland and her Colonies, I shall be very thankful. I offer Your my services, too, when you desire any information about any person in Holland with whom you are in business. I beg you pardon, I have taken the liberty to address you this. Please honoured Sir, honour me with an answer.

Accept the assurance of my sincere regards

Hem Heec

KONINKLIJKE BIBLIOTHEEK

EASTERN DIVISION

WESTERN UNION TELEGRAPH COMPANY.

BROADWAY AND DEY STREET.

From.

J. C. HINCHMAN,

Gen'l Superintendent.

New York, Nov. 18 1879

To Mr. Thomas A. Edison

Menlo Park

Mr Friend Mr George Sheppard Page of this City - desires to confer with you in regard to some matters - I will be obliged to you for such attention as you may show him

Very Truly Yours

J. C. Hinchman

Per

Mr Geo. S. Page

HENRY HARRISON
JERSEY CITY
NEW JERSEY

Jersey City N.J. Feb 18th 78

T. J. Ellison Esq

Dear Sir,

May I trouble you for a word or two of advice. I am the author of a work on the moon as described in the enclosed circular. These pictures are painted in oil colors and with the aid of my telescope and of course when the moon shines, I have no sunlight to work by what kind of a light that is inexpensive and not complicated, can I employ to go and by and one which will not change the tints materially when compared with solar light, in other words, when I view my work at day time.

If you valuable time will permit you to throw a little light on this subject you will find grateful yours.

Respectfully

H Harrison

(Form, No. 48.)

Philadelphia & Southern Mail Steamship Co.,

OFFICE, PIER 22,

SOUTH WHARVES,

(Below PINE ST., Delaware River.)

WM. L. JAMES, Gen'l Agent.
CHAS. S. TEAL, Sec'y & Treas.

Philadelphia, Nov 18 1878

T. A. Edison Esq
Menlo Park N.J.

Dr Sir.

Will you be good enough to give me the initials of Mr. Batchelor who is connected with you, also to inform me if you can, if he was in business in Boston some 20 odd years ago.

Any information in this respect will oblige

Yrs Truly
A. A. Smorg

Chas. Batchelor formerly of Manchester Eng. — He was not —

11/19/78

I must see you here or at Menlo at once. When & where shall it be?

Unalterably important to you respectfully

JCR

Friend Edison

NYNov 19-78

Please examine this matter & make any changes you desire & return to me by next mail,

Yours truly

Geo B Prescott

Examined & returned Nov 20-78

Lostwithiel Engd
Nov 19. 78
Richd Tatting
No ans

Lostwithiel Cornwall
Novr 19/78

Mr T. A. Edison
Menlo Park N.J.

Dear Sir / I hasten to acknowledge receiving your Letter of the 5th Instt by which I see it is necessary I should consult my partner in this patent before I can answer your enquiries, and the last Letter I had from him was from Switzerland he being there for the benefit of his health, and unfortunately he left England before we could possibly calculate what we could sell it for Per Ton. After we have arranged our matters you shall quickly hear from us, as I feel convinced it is just the insulator suitable for you, and your climate, as cold appears rather to improve it

I Am Dr Sir
Yours very Truly
Richard Tatting

Perkertown N. J. Nov 19/78
9 W Hope
Ans'd Nov 20 78

Nov 19th 78
Perkertown N.J.

Mr Edison

Dear Sir
Noticing lately that you was using Photographs in furthering your experiments I would say I am a practical experienced artist in that line. Having served over twenty five years. Born & raised in New York am a native of Clinton N.J. Operated there the past summer occupying the same room in Mr Ayles

Dear Sir

I have to inform you
that I spent a few days
with Mrs Angles in Philadelphia
Nov 30th 1874

Dear Sir

I have to inform you
that I spent a few days
with Mrs Angles in Philadelphia
Nov 30th. If I should
render you any service
while in Philadelphia
have a complete
set of Dolly Varden x
Company clothes I
should be happy to do
so at a Moderate
compensation. Please
answer at an early
date if family will
call to see you concerning
your first class clothing
so as to avoid disappointment
Yours Respectfully G. M. Hopkins

Jackson C. H., W. Va.
Nov. 19th, 78.

Prof. J. A. Edison,

Dear Sir,

I am still waiting, as patiently as circumstances will permit, to hear of your success with the "Harmonic Engine", or any kind of electro-magnetic machine by which a light road carriage, requiring ¼, ½, — ¾ or 1 H.P., can be run.

I am anxious to get my carriage on the road; and as I wish to use electro-magnetic power, if I find it can be utilized, I would be greatly pleased to hear of your success, as it may (I believe) help me also.

Yours truly,

J. M. Lauck.

Address — as above.

S. BERGMANN & CO.,
No. 104 WOOSTER STREET,
MANUFACTURERS OF
Hotel and House Annunciators and Electrical Apparatus of all kinds,
NEW AND IMPROVED PRUD'HOMME BATTERIES A SPECIALTY.
SEND FOR CIRCULAR

New York Nov 10th 1878

My Dear Edison

I have made an engagement with Olney to lecture before the Teachers Association of York at Steinway Hall Saturday night of this week Exhibiting each of your inventions as may be to advantage – I have given them to understand that the Carbon Telephone – The Musical Telephone and the Phonograph are the only Electric things to exhibit, but that I would have other things on hand so as to be able to describe them I wish therefore you would direct the following things sent to me in a box by Express care Bergmann

1 Tasimeter
2 Hand-Motograph –
3 Carbon Relay
4 Carbon Resistance – to illustrate fallacy

S. BERGMANN & CO.,

No. 104 WOOSTER STREET,

MANUFACTURERS OF

Hotel and Home Annunciators and Electrical Apparatus of all kinds,

NEW AND IMPROVED PRUD'HOMME BATTERIES A SPECIALTY.

New York.....187

SEND FOR CIRCULAR

4 of Sir Wm Thomson & others notion the Cerac used - the variable resistance of Carbon to vary resistance of line

5 Some 30 or 40 Rolls 1st class (new) Ferrid paper.

6th One of those Motograph receivers - if you have no objections - providing I use it only for music and keep it strictly private - not explaining or permitting inspection -

7: Anything Else that by its mere presence on the platform will enhance the array & lend eclat to the performance -

It is to be a high toned affair and all of the leading Educational leaders of the City will be there.

My programme

S. BERGMANN & CO.,
No. 104 WOOSTER STREET,
MANUFACTURERS OF
Hotel and House Annunciators and Electrical Apparatus of all kinds,
NEW AND IMPROVED PRUD'HOMME BATTERIES A SPECIALTY.
SEND FOR CIRCULAR

New York 187

Will be something like this

Piano or Organ Overture
Soprano Solo — Mme Cole.
Lecture E.M.J.
Practical Exhibit of Telephone & Phonograph
" " with Mrs Cole — Soprano
Tenor
Echo Cornet

New Brass Phone, pick finished & ~~[illegible]~~
and immense Author & Singer
Expect to make a sensation with it.

My 1st Appearance in New York City as a Lecturer — Want to have as flattering Ecouiums as in Western N.Y. last spring.
Please turn this over to some One & I will pay their bill
Let it be what it may

Mrs Johnson

Nov 20. 78
4 30 P.M.

2 N.Y. 20

S L Griffin
Care Prof T. A. Edison

Letter recd many thanks will be there tomorrow Regards to Edison Edwin M Fox

11 Paid
W.F.G.

New-Yorker Belletristische Journal.
REDACTION: RUDOLPH LEO
UDO BRACHVOGEL
Office No. 39 Park Row, Times Building.
P. O. Box 3995.

New York, Nov. 20 1878

Mr. Thomas Edison
Menlo Park

Dear Sir,

In an article by a German authority in patent matters written for our ~~paper~~ Weekly, I find mention that you applied for a patent on your electric light for England on Oct. 23rd 1878.

Would it be too much trouble to inform us of the date

on which you applied for the same in Washington? By answering this question you would greatly oblige

Yours very Respt fully

Geo. W. Rochelle M.D.

Phila Nov 20, 78
J W Forney
Ans'd Nov 22nd 78

"PROGRESS."
JOHN W. FORNEY.
Editor and Proprietor.
N.W. Cor. 8th & Chestnut Sts.
Philadelphia, Pa.

Nov. 20. 1878

My dear Sir,

My father sent you the first number of his new paper "Progress", and you will also receive the second. He wished to meet you and would run down without warning were it not that he fears to disturb you, and is himself too busy to risk your being absent. Can you let us know when you could spare a little while to see him. I will with

your permission accompany him.
If it would be convenient to you on any Sunday that would suit us exactly.

Very truly yours

J. M. Young

1

Richmond, Va.:
Nov. 20th 1878.

Thos A. Edison Esq
Menlow Park, N.J.

Dear Sir:

Dr Burton of this City has forwarded you a crude Electrical Meter. Some weeks ago he ~~showed me~~ he referred it to me & I advised him to send it to you for inspection & trials. I believe it is a very good thing & very much in the line of your present experiments. If I can be of any service to you in this matter in any way command me & rest assured I shall be here for a few weeks & will be pleased to hear from you. Can you give me any information relative to Phonographic Clocks & Toys? I have a good many enquiries for them, as I always refer to them in giving my exhibitions & could sell

a number if they can be had.

Please address me Care
1000 Clay St Co. 10th

Yours &c
W. F. Wheeler

Richmond Va.
Aug 10 '78
Dr Lewis Burton

NY Nov 21 78

Shall be there
in morning afternoon.

J C R

Telegram Nov 21 78
10 55

NY 21
T A Edison Menlo

See Sun of this
Morning

G. P. Lawrence

S-SH

Mr G

A. G. DAY,

MANUFACTURER OF

Kerite Insulated Telegraph Wire

AND CABLES,

Office, 120 Broadway, New York.

FACTORY—SEYMOUR, CONN.

New York, 21 Nov 1878.

T. A. Edison Esq

Dear Sir

Would it be agreeable a find you at home, if I called at to see you on Saturday P. M. leaving my office after business hours. I intend to leave for London next week to bring Mrs Day back as well as for a few weeks change –

Would like Mr Hamilton to keep me company – Which trains will be the best to take, provided I can spare the time

Yours very truly

A. G. Day

Menlo Park NJ Nov 22, 98

Mrs Neil Van Clen
Cor Brunswick & Murray Sts
Newark NJ.

Dont get a girl till
you hear from Mrs
Edison

T A Edison

10 PM

11/22/98

Dear Jack
An unexpected engagement
prevents my coming Thursday.
please let me know when you get
in town tomorrow Saturday, and
can see you here, on particular -

Yr Jack

Boston
Nov 22 78
Dr Clarence J Blake
Ans Dec 4 78

Boston
Hotel Berkeley
Nov. 22nd 1878

My dear Mr. Edison,

I have been very sorry to hear that you have been ill, especially as you have now so much on hand in so many directions. I have also been under the weather but hope soon to take up further experiments with the phonograph the results of which, if any of value are obtained I shall take pleasure in communicating.

I send you reprint of a paper read in London May 8. 1878. in it you will see that I close the lecture with a tribute to Bell in which I think you will agree with me as I do with you in

your remark that there are but two telephones, Edisons and Bells, as the experiments were made entirely to measure the excursions of the discs of the Bell telephone I had no occasion to refer to your experiments. I still think that something may be learned from curved membranes, and as that is especially in my line, shall hope to continue experiments with preparations of the human ear.

With regard

Very truly Yours

Clarence J. Blake

Thos. A. Edison Esqr.

WEXEL y DE GRESS,

No. 3 1ª Calle de Plateros, City of Mexico.
No. 126 Calle del Cuba, Valparaiso, Chile.
No. 131 A Calle de Carabaya, Lima, Peru.
Panama. Santiago.
San Luis Potosi. Guadajuata.

WEXEL & DE GRESS,

Arms and Ammunition,

MILITARY EQUIPMENTS, &c.

J. W. WEXEL, City of Mexico.

FRANCIS DE GRESS,

WEXEL & DE GRESS,
13 BARCLAY STREET,
P. O. BOX, 3112,
NEW YORK.

New York, Nov 22 1878

T A Edison Esqr
Menlo Park, N.J.

Dear Sir

We respectfully ask that you please will appoint us (Wexel & De Gress) your sole agents for the Republic of Mexico for the purpose of having the exclusive sale in that country of your inventions, as follows, Phonograph. Telephone and the Electric Pen. and as your agents we propose to make such effort as may be deemed necessary, to obtain a concession or cover by letters of patent (which - over the customs of that country may be) and ask for such protection that your inventions above named, shall not be infringed upon in that country. — So soon as we shall have the pleasure to hear from you, shall then submit such to our house at Mexico for their approval, and shall then prepare the necessary agreement to be signed by all parties concerned. —

WEXEL y DE GRESS.

No. 5 1ª Calle de Plateros, City of Mexico.
No. 106 Calle del Cano, Valparaiso, Chile.
No. 171 A Calle de Carabaya, Lima, Peru.
Panama. Santiago.
San Luis Potosi. Guanajuato.

WEXEL & DE GRESS,

Arms and Ammunition,

MILITARY EQUIPMENTS, &c.

J. W. WEXEL, City of Mexico.

FRANCIS DE GRESS, New York.

WEXEL & DE GRESS
13 BARCLAY STREET,
P. O. BOX, 3112.
NEW YORK.

New York, #2 187

Esc Soliciting the above mentioned document from the Mexican Government, it will be necessary for us to have some authority from you to act as your agents there as here in specific

Hoping to hear from you at your earliest convenience,

we have the honor to be respectfully yours

Wexel & Gress

Princeton N.J. Nov 23.78
C. A. R. Janvier
Ans'd Nov 25 78

Princeton Nov. 23rd 1878

Thomas Edison Esq.
Dear Sir:-

Heretofore there has been a lecture association among the students, which has brought to Princeton during the winters, many interesting speakers. This association has, however, passed out of existence, and there seems to be every prospect that we will have few or no good lectures here this winter. Greatly dissatisfied with this state of things, some of us have determined to see what can be done. We wish to procure the services of a few of our most instructive & popular lecturers, and would like, if it meets with your approval, to begin with yourself. Knowing that you are not in the lecture field this winter, we can only ask ad

a great favor to us students that you will think favorably of our request, feeling as we do, that you ~~might~~ accomplish much by a lecture, especially among the students

Though Princeton is a comparatively small place, we can offer you $150.00 (one hundred + fifty dollars) and expenses, if you can come. Any time during the season will do, but we would like if possible to have the lecture during week after next. An early answer will oblige.

Respectfully yours
E. A. R. Janvier

T. A. EDISON.

1

Menlo Park, N. J., Nov 23 1878

G A Hamilton Western Union

Everything confusion here
Would prefer you would
wait a week

T A Edison

10 PM
24 Pac Ma

T. A. EDISON.

Menlo Park, N. J., Nov 24 1878
11.30 AM

Cable
Edison
Menlo Park
NJ

Will close this week sure

Puskas

Paris

MATHEMATICS
RUTGERS COLLEGE NEW BRUNSWICK, N.J.

November 25. 1878.

Dr. T. A. Edison;

My dear sir; Do you let out your Phonograph and Telephone for Exhibitions? The Sunday School people of my native place (near Kingston N.Y.) met me to exhibit and explain these instruments and to tell them something about the inventor. I might be under some embarrassment as to the latter point, as, unfortunately, though but half a dozen miles away my acquaintance with you is confined to the pleasant meetings at St. Louis. – By the way I have not heard of your invention of that phonograph for translating Chinese Chatonogs for which I asked of St. Louis. – Neither have I heard from this from you, as to an old reflecting telescope for experiments with your testimonial.

Yours truly
Isaac E. Gilbreath
Prof &c

HENRY HARRISON
JERSEY CITY
NEW JERSEY

T. A. Edison Esq

Dear sir,

Your communication respecting the lights was received for which I thank you my thanks.

Respectfully yours

Harry Harrison

J.C. Nov 25th 78.

John H. Porter
Grosvenor P. Lowrey
Geo. Welds Stone
Ch. Francis Stone
George L. Hamilton

P.O. Box 1836

Porter, Lowrey, Soren & Stone,
Attorneys & Counsellors at Law,
No. 3 Broad Street, (DREXEL BUILDING.)

New York, Nov 25th 1878

My dear Griffin:

I return you the enclosed letter of Mrs Fleming having fortunately read it before parting for this morning's mail of domestic letters from you.

This a communication which can be safely be trusted only to sober people. I should not be willing to be chargeable with this correspondence alone and I must unite Mrs Edison and yourself with me as a joint committee, acting as a kind of a trust to protect Mrs Fleming from being entirely taken "possession" of in which case she might be fined.

Mr Edison as a magneto-electric machine reproduced with pictorial art in the illustrated papers is evidently dangerous to susceptible female subjects of high conductivity. He is under contract with the Edison Electric Light Company who will certainly object to his wasting time in being a "modern Prometheus"

Mrs Fleming informs me that she

is not happy in the choice of her husband, and leaves in doubt whether the husband is fortunate. I can gather from this letter no means of determining this question in the absence of any information as to the amount of gas stock he got from Mrs Fleming.

On behalf of the Company and of Mr Edison and of the whole Edison family I protest against his being led to abandon his experiments in electric light, on account of Mrs Flemings investments in gas. Hatch has got an enormous quantity I am sure, for when he says that the papers state "very little" about this invention we are furnished with a standard by which to try his other statements; and if what the papers daily publish "is a little" in his judgement I should not wonder if he had a thousand million in gas stock by the same proportion.

There is bribery and corruption in this letter and I think it ought not to be shown to Edison on various grounds: I think it might be given to Mrs Edison and solemnly burned.

3.1

in the night.

I should recommend that Mrs Fleming be referred to Sawyer for I think their lamp would be the suitable one for ~~her~~ the reporting of her losses.

Very truly yours

A. R. Griffin Esq
Menlo Park
N.J.

(one enclosure)

[ENCLOSURE]

106

N.O. Nov 18-78
T Fleming
Ans Nov 22/78

New Orleans
18th November 78.

Mr Edison

Dear Sir.

Not long ago I saw your picture in one of our periodicals, and that once felt the overwhelming influence of the noble and high qualities, your face expressed, and a confidence in you took possession of me, which if I would dare to describe, might make you smile at me. Probably you wonder at my daring to address you so freely, but I hope, you will find some excuse for me, if you deign to read these lines. I am a young married woman, and unfortunately, was not happy in the choice

[ENCLOSURE]

of my husband. My own private fortune is invested in the stock of our Gas Company. Since the last of your sublime inventions, when you a modern Prometheus, took the genuine celestial fire from heaven, these stocks are sinking fast; and I beseech you now, to advise me, what to do. Shall I sell out? I believe in your genius, and have no doubt but the electric light will chase the gas out of existence, but as my all is invested in these stocks, would you be as charitable, as to let me know how far you have succeeded. The papers tell us so very little about it. Let me assure you, that you will not oblige an ungrateful person.

Very respectfully
T. Fleming.

Mrs T. Fleming
care of
Mrs H. Maas
112 Canal St. New Orleans.

Richmond Va. Nov. 26th 1878

Mr. T. A. Edison.
Menlo Park, N. J.

Dear Sir.

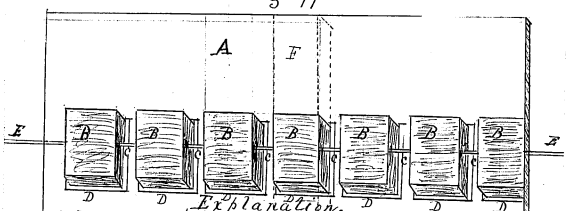
I forwarded by Express to your address, "Metuchen Penna R.R. N.J." on the 16th inst., a small box containing a model of my electric heater.

I hope it has reached you safely, and that you may have the opportunity to give it such tests and examination as to satisfy you upon all the points claimed for it.

I also enclosed in the box a short note in explanation of the model.

I am very respectfully
Yours
W. Leigh Burton,

Electro-Heating Apparatus.



Explanation.

A. Metallic plates, ~~[illegible]~~. B. Large single radiators. C. Obstructing wires of large diameter. D. ~~[illegible]~~ insulating the radiators from the plates. E. Wires connected with a dynamo electrical machine.

Oberlin Smith, President.

OFFICE OF THE

Fred. F. Smith, Sec. and Treas.

FERRACUTE MACHINE COMPANY.

Foot and Power Presses, Dies, and all other Fruit Can Tools;

SPECIAL HARDWARE AND CENTRE DRILLING MACHINES.

Answering yours of _____

Bridgeton, N. Jersey, Nov. 26, 1878.

Mr. T. A. Edison,

Dear Sir:—

In some amateur electrical experiments I am making I need a "button" of mercury-impregnated-carbon, similar to those you use in your carbon telephone. Can you kindly furnish me one? If so, please state what will be the price, that I may remit.

How come along the specifications for the new pattern of phonograph about which our Co. corresponded with you a few months ago?

Yours very truly,

Oberlin Smith.

OFFICE OF

The Edison Speaking Phonograph Company,

203 BROADWAY,

P. O. Box 3592.

CHAS. E. BAILEY TREAS.

New York, Nov 26 1878

My Dr Edison -

Mr Metcalf of the N. Am. Review is after me again. He has been to see & got the Consent of your & L. Presh. & also of Mr Lowrey - & you giving them an article on the subject - says Lowrey agreed to notify you of the removal of Embargo.

They are so anxious about it, that I think, in consideration of the attempts of the European papers to tell what you are doing - you might give them at least a sort of generalized article - which would remove any lingering doubt as to the bona fide nature of your efforts.

If you say ok. - I will come out some morning with my wife

Who wants to come & spend
the day with Mrs E & the Baby)
and get a few Headings
from you & think we can
make out a very plausable
case against the Gas Co's
& the Prof Morton —
By the way — I gave him a Rap
Saturday Night — & I see he is
catching it in the papers for
Huckstering & the Sugar Refiners
pick as he did to the Fox Commission
My Exhibition & Lecture was a
pronounced success.
I'll return the Instruments when
I come out.
I've got the Phonograph Co in
my pocket. I'll say or two
& want you & send Batch on
Carmen — or better yet come yourself
with Carmen — & square up 1/2 c
to date. Let me know about
N.A. Revied. I can get Co. for it
Yours Edison

Phil Mar 26/91
E. H. Johnson
Assist Editor Phil Ledger

V

11. BEAUFORT BUILDINGS, STRAND.
LONDON, W.C

Nov 26 187 6

My dear Sir,

I do not at all know what your future arrangements may be, but it has struck me that if you should (when you have a cessation from your present work) be disposed to make a tour in this country to lecture at Scientific Institutions, etc on the subject of the Electric Light – and perhaps the Telephone & Microphone – that you would meet with an enthusiastic reception and would probably realize a large sum of money. There is, as you doubtless know, the very greatest excitement & interest in this country, at present on the subject of Electric Light; and I am quite sure if you were able to come at any not too distant period, you might do great business here. I arranged the late successful tour of Mr Archibald Forbes

here, and the present State more successful
I'm of Mr Henry - Mr Stanley. I have the
only complete organization in this country
for the working of Lecturing Business, and I
have altogether exceptional facilities for
making known any projected schemes by
getting paragraphs in the newspapers etc etc.

I shall esteem it a favour if you will
kindly at your leisure, let me have your
ideas on this subject.

I am,
Dear Sir,
Faithfully yours

should be signed
R. D'Oyly Carte

~ Edison Esq.

F. A. LISIEWSKI.

A. K. SCHULTE.

PUBLISHER OF
Philadelphia Sonntags-Journal,
Sonntags-Journal,
Sonntags-Post, & Reader-Sonntag,
Sonntags-Blatt,
Die neueste Mode,
Illustrirtes Familienblatt.

German Publishing House,

(OF)

F. LISIEWSKI & CO.,

[redacted],

116 N. Sixth Street.

Philadelphia, Tuesday, Nov 26 '78 ~~1887~~

Dear Sir:

By means of the Almanac, which you will receive with this letter, and by the copy of the „Journal" I endeavor to give you a small proof of my thankfulness for the kindness, with which, 6 months ago, you have led me through your working-rooms, showing me the wonderful results of your studies and experiments. The Almanac contains an article, which compares your Carbon-Telephone with all others, and in the paper I give the story of my visit to Menlo-Park, and a description of your working-rooms. The latter article being copied extensively all over the country, I thought it might please you to know, that the German speaking population of the Union does esteem and admire you as much, as the English speaking does.—

To be honest, I must confess, that I have infringed on your rights by constructing a telephone, which now connects our editorial office

office with the printing room, – but it works too well, and therefore I cannot feel very remorseful about it. – If, after this confession, I dare to ask for a favor, I would beg you to inform me of the title of a book, that would best instruct me concerning the construction of an induction-coil, and a powerful, but cheap battery, to be used for an electric light.

Pardon the liberty I am taking with this letter; I am, to the sorrow of my wife, an enthusiastic student of natural philosophy, and the kindness, with which you have treated me at your home, makes me hope, that you will treat me equally kind from afar.

Very respectfully yours
Geo. Bt. Sudrow.

116 North 6th st.
Philadelphia, Pa.

Prof. Geo. E. Barnes
Cornell University
Ithaca, N.Y.

Mr Geo [Bt] Sudrow
[Bt]
Journal Lights
116 North 6th
Phila

NOTE

To
T. A. Edison Esq.
Menlo Park
New Jersey.

FROM
Geo. E. Gouraud.
6 Lombard Street E.C.
LONDON. 26 Nov 1878.

Thanks for yours of the 11th enclosing Mr Henry Bentley's letter which shall have my best attention. I am already well known to the Editor of The Times Mr Cheney and thereby have the very best means of bringing this matter before The Times in the connection indicated for reporting Parliamentary Speeches and soon Mr Cheney was enormously pleased with the Telephone which he saw here. As soon as the new Receiver comes (which Adams advises me will be now in a few days if they were shipped on the 20th inst.) we will then go ahead vigorously. A passive policy has been indispensable in the light of your recommendations contained in your letter of the 14th Oct. we could only assume that to go on using the old Receiver would of necessity involve our claiming that we were free to do so and impatiently that anybody else might be. It is better to wait though impatiently than to make a false start.

(1)

Boston
Nov 7/8

Electric Light

I have been much gratified at the good words received from you recently in your cables to Barrett who cabled you from this office. Barrett came up on my invitation so that I might make his acquaintance and is a capital fellow in every way just our man to use as a scientific man.

I have had a nice letter from Lowrey but have nothing yet from either you or him showing what exactly my status is in connection with the Light but feeling every confidence am quietly biding the time.

Per pro. Geo. E. Gouraud
J. S. Kingsbury

Thomas Edison

N.Y. Nov 29 '78
Henry Draper
Reply

271 Madison Avenue,
New York.

Nov 29th 1878

My Dear Edison

We are going to have a meeting of the Thursday Evening Club at this house next Thursday Dec 5th. Can't you come over & stay all night? I am going to do a few simple electric light experiments and if your new lamp is ready for the public I shall like very much to have one. Barker will be here & we can manage to amuse ourselves with my Gramme & petroleum engine

My wife joins me in the invitation and says she should be very glad to see you.

Mrs Dana

Henry Adams

T. A. EDISON. Cable N.Y. 7 Pm.

Menlo Park, N. J., Nov 30 1878

Edison
Menlo Park N.J.
Closed Will remit Wednesday
Pooles

S Paris
F.G.

Hamilton Ont
Dec 30. 78

A L Smyth
Rec'd Dec 30 78

Hamilton Ont. Dec 23 78

Prof Robins

Dear Sir

Will you have the kindness to inform me where you purchased the [illegible] steel [illegible] & Rocker floor springs — I called on you a few days ago & had left with you a model of Device for [illegible] Revolving [illegible] to be used in Stoves & Ranges — I am sorry I forgot in taking the Model a spare one of the springs was lost — and I am [illegible] if for me — [illegible]

I would relieve it a power
to get the address of the Postmaster
of the Grand Rapids P.O. or the
Sealer who [illegible]

You intimated that
Gen Powell was my Jailer
for Rebelling & giving Prisoners
to Chivalry - but had no
[illegible] to guard or attend them
[illegible] — have
[illegible] done anything at it
since after hearing it proving

Yours Respectfully
[illegible]
[illegible]

J. C. REIFF,

No. 52 BROADWAY,

New York, Dec 9th 1878

Dear Sir.

How is Wm Leslie?
And how is Wm Leslie's mother?
And how is Wm Leslie's venerable mother?
And have you bought a Cow yet?
And will you be home tomorrow (Wednesday) Evening?
And what do you think of the new director of the Phonograph Co?
And when does the Nicholson interference come off?
And how can I get an improved Telephone to present to a friend for a Christmas - to hang up between his House & Stable, without buying or renting from the B & L Co?

And do you think
I can ride automatically?

Yr J C R

Prof. Barrett
Rec'd
No reply

Will please mail a pair
Lorgnettes to Colonel Greenwood.
As I am pleased to show
your cards & telephone to the
leading newspapers here &
London on Dec 30th
I have talking for the London
Spectator my lecture on
Dec 26th. As Col. Greenwood
thinks of starting Cards
& telephone Companies & the
promoters & London investors following the
publicity that these
lectures will give you it
will be a disaster to
have the Spectator a paper
Sincerely Your friend
Dec 5th.
W. F. Barrett

They deem so.

Colonel Greenwood
has just told me that
your nephew is coming
over with the new telephone
I shall be very glad to

direct here, he ought to
London. ~~[illegible]~~ I am
most anxious to have
your news received for
my letter on your
discoveries by "Times".
Should your nephew
not leave in time for

see your nephew here to
show him what hospitality
I can whilst he is in this
neighbourhood. Perhaps
he will land at
Queenstown & come

HENRY HARRISON
JERSEY CITY.
NEW JERSEY.

Henry Harrison

Th. A. Edison Esq

Dear sir,

Would you object to having a portrait in oil of yourself exhibited at our next Exhibition of the National Academy of Design? I am looking for a subject, and for the above purpose would like to paint you. — If agreeable and you have not been sitting for any other or any one else, I should be pleased to have the honor. Undoubtedly you have a good photo. of yourself — that will do to begin with; then if you cannot give me any sittings at my studio which I presume will take up some of your valuable time — I will endeavor to have an occasional chat with you at Menlo Park. If this proposition strikes you favorably please answer

Yours Respectfully

Henry Harrison

J.C. Dec 5th 78.

T. A. EDISON.

1

Menlo Park, N. J., Dec 6 1876

Hon. Geo. M. Curtis
Counselor at Law
21 Park Row
N. York

The Barnes matter all right.

T. A. Edison

5 PM

2 3 PM

Edison's
Electric Pen & Multiplying Press
address
Geo. H. Allen
General Manager 142 La Salle St.

Chicago Dec. 4th 1876

T. A. Edison. Esq.
Menlo Park. N. J.

Dear Sir:

I have numerous calls to lecture on the Edison Telephone and Phonograph. I want one of your new receivers to use for this purpose, and can make it greatly to your advantage. Please let me know if you can supply one right away, with full instructions how to use.

The pen took a gold medal at the Boston fair this last fall.

Respectfully.
Geo. H. Allen
Gen'l Man.

HENRY HARRISON
JERSEY CITY
NEW JERSEY

J. C. Dec 8th 1878.

Henry Harrison

Th. A. Edison Esq.

Dear sir, Your card in which you seemed to have me paint a portrait of you, I received. I now beg you for one or more of your Photos as a man, and one which you and your friends consider as perfect. I would also prefer to make this portrait one with character or action, say, sitting or standing near or at the table or workbench on which may be seen a model of an invention &c. but will leave this for your family or yourself to decide. If you are not in possession of Photos, please inform me who has made them of you and I will get them. There is there but one thing more for me to speak which is that the artists honor and dignity be preserved through you and nothing for any one else for that purpose before my painting goes

before the Public, or – that no
portrait in oil is in existence for
which you have been personally sitting.
Hoping to hear from you at
your earliest convenience I have
the honor to be yours most
Truly
Henry Herrman

Q City Dec 5 78
Henry Herrman
and Dec 10 78

2

Dec 9. 78

N.Y. 9-78

11²⁰ A m

Mr Edison

Ms

If Plainfield party visits you
this morning tell Mr Holmes
his wife very ill must go
home immediately

J H Vincent

18 paid Mo 9

Dec 10, 1878

Dear Edison.

I shall be glad to see you while I am here and Lenabanto. — If you are over to NY, inquire for me at 267 B'way. If you are not over — I will try to find you at Menlo Park

Chas Barlow

1878 - Edison Personal

THE AMERICAN SOCIALIST.

(PUBLISHED EVERY THURSDAY.)

F. WAYLAND-SMITH, Business Manager.

$2.00 Per Year.

Oneida, N. Y. Dec. 10th 1878.

Mr. Thomas A. Edison

Dear Sir -

I would like to get a little information from you in regard to a psychological question concerning which I intend writing an article for publication. I do not understand that you are a professor of psychology, but as this question relates to your own experience as an inventor, you are the proper man to address. Knowing how valuable your time is I will come right to the point, and will ask a few questions, the answers to which will, I trust, cover the ground I have undertaken to examine, at least so far as you are concerned. I will number my questions and keep a copy. Please number your answers accordingly.

1.- How do your bright, inventive ideas come into you? - with a flash, instantaneously, or do you gradually come to comprehend them?

2.- Do you notice any particular hour of the day or night at which such ideas, or inventions, or solutions of difficult problems, come to you most readily?

3.- If so, at what hour of the day or night?

4.- Does your experience as an inventor suggest to you the probability that there are, in the unseen part of this universe, superior intelligences from whom such bright ideas are, in some manner not well understood, communicated to certain favored mortals?

5.- Or do you believe that your peculiar and remarkable

THE AMERICAN SOCIALIST,

(PUBLISHED EVERY THURSDAY.)

F. WAYLAND-SMITH,
Business Manager.

$2.00 Per Year.

Oneida, N. Y. 187

2.

faculties for invention reside wholly within yourself, being the result of a peculiar formation of the brain?

6- Or have you always been too busy to give attention to these and kindred points.

It is probable that many other men have as full and as accurate knowledge of physics as you possess, who could not, for all their knowledge, invent anything more complicated than a toothpick to save their lives. The faculty of invention seems to be a peculiar one, not entirely dependent on acquired knowledge. Hence the propriety of my questions. I shall be under obligations to you for any answers, however brief, but of course the fuller you can afford to make them the better.

As a personal favor I should much appreciate your autograph, in case you dictate the body of your answer. I enclose stamps.

Yours very truly

F. Wayland-Smith.

A. G. DAY,

MANUFACTURER OF

Kerite Insulated Telegraph Wire

AND CABLES,

Office, 120 Broadway, New York.

FACTORY—SEYMOUR, CONN.

New York, 11 Dec 1878

T. A. Edison Esq,

Dear Sir

Please call in this week ~~tomorrow~~ Saturday or Monday next with you to see a plan I have for ~~lighting~~ the noise on the Elevated R.R. on Sixth Ave

Wish to have you see it & give any explanation - I am decided to sail on "Cunard Steamer" of next Wednesday for a short absence

As you have not called on me as yet - I think it is time you had

Yours Truly

A. G. Day

107. E. 28th St N.Y.
Dec. 13. 1878

I have been sick since last week. but hope to be able to resume on Monday

P. Henry

Dec 18. 78

Albert Bridges
46 Overland St N.Y.

Make two inches of Thread on each end

T. A. Edison

8 1/2

1203
9 WF

My dear Edison 3/78

I have written to London fully on all the points — tell Mrs Edison & Richard my apology for leaving the banquet, as I dare not without remains brought back to Menlo, as I get above the Grain yesterday am — yours

T. A. EDISON.

Menlo Park, N. J., Dec 13 1878

9 21 AM

175
83
100
157
[illegible]

Phila Pa 13

T A Edison Mrs

I shant be in New York till tomorrow Saturday E M Boston

Spoil mail

Chicago Dec 13th 1878

Edison's
Electric Pen & Multiplying Press
address
Geo. H. Blum
General Manager 142 La Salle St.

Chicago Dec 13th 1878.

S. L. Griffin Esq.

Dear Sir.

Is that baby a boy or girl, & what is the name? Are both mother & the baby all right? My wife won't give me any peace until she knows all the particulars.

Much obliged for the information which your note of Oct 30th contained.

Respectfully.

Geo. H. Blum
Gen. Mgr.

1D

Edison's

Electric Pen & Multiplying Press

address

Geo. H. Blum
General Manager 142 La Salle St.

Chicago Dec 12th 1887

T. A. Edison. Esq.
Menlo Park. N. J.
Dear Sir.

I regret to hear that the complications prevent you from bringing out the new telephone receiver. I hope to be able to get hold of one, in crude form at least, to use in a few lectures during the winter. Expect to give the first one next week on Thursday. If you can possibly do it send one along. Had a meeting of the American Electrical Society yesterday & gave them a dose of Edison, both in the Telephone & Electric light field. I endeavored to put the matter in such

2D

shape as would not do any harm, but still gave them a good idea of the fact that you are really at work & making positive progress in both directions. I hope started from New York primed with an article on the Sawyer light. I understand he was delayed by the storm so he didn't reach here. As it was, I think you came in for the lion's share of the attention of the society. At any rate everybody was very much pleased with a chance to get an idea of what you are about; & if you are disposed to "cuss" me for it I shall have to stand the racket. The meeting of the society was very largely attended & I consider it the best the society have ever had. I declined to allow a

3D

Synopsis of my remarks to go into the Published Journal of the Society, but promised, as soon as you deemed it advisable, to give an authoritative communication for the Society for general publication & distribution.

Respectfully.

Geo. W. Rice

Gen. Man.

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been assented to by the sender of the following message.
Errors in messages arising from defective transmission or delivery, or from delay in the sending thereof, are guaranteed against to the extent of the amount thereof, if claim be made therefor within one week after the message is filed with the company for transmission, and the company will not be held liable for errors or delays in transmission or delivery of Unrepeated Messages, or mistakes in UNREPEATED MESSAGES; and in no case will it be held liable for more than the amount received for the message.

A. R. BREWER, Secy. WILLIAM ORTON, Pres't.

Dated New York Dec 14 187 8

Received at

To Thos A Edison

If you will receive Royalty Phonograph Company will give at cost an instrument for Bombay Society tomorrow evening at Bloomsbury Hall Johnson will meet the Theosophists to take voices send to India, can he speak for your voice please answer care Bergmann Immediately

H. S. Olcott

112 pd

8 pm

READ THE NOTICE AT THE TOP.

Dec 14, 78
Telegram from
R S Olcott
Replied "Yes"

MyDec 14-'78
Madame Blavatsky
No reply

New York. Dec. 14/78

Thomas A. Edison Esq. F.T.S.

Dear Sir,

I deeply regret that I shall have to leave America for good, without having seen you. In Aristotle psychology and natural philosophy the laws of force correlation are all explained, and I would have been glad to have given you some little glimpse of what lies beyond the threshold of physical sciences. I have not the slightest doubt, however, but that you will do very well without any body's help. I mention it only because you are one of the four scientific experimenters whom we would wish to have on our Mystical side. We have real good partisans to our Branches at London, Paris, Berlin, Constantinople, Cairo, Bombay, etc. so the of natural of American, or rather world - in matters

of the present day.

The Council thanks you for waiting your majesty on the photographs purchased for the library of the Theosophical Society.

Another, this or another will lead to many orders for duplicates in which case Col. Olcott will communicate with you from India. Our practical regret is, that you could not be present at the meeting of the morning (Sunday) evening to give your voice personally to send to India.

My direction of Col. Olcott's exculpatory application and allegation of decency for Mr. Griffin, you are instructed to sign, if he desires to join us. When signed they may be returned to Mr William H. Judge 71. Broadway, N.Y. or Recording Secretary who has orders to initiate you & Mr. Griffin, whenever you can make it convenient. Major General Abner Doubleday U.S.A. will be acting President in Col. Olcott's absence from the country, and Professor Alexis Wilder M.D. and John A. Weisse M.D. are our Vice-Presidents.

Wishing you prosperity in your brilliant endeavour.

Yours with sincere regard

fraternally yours

H. P. Blavatsky.

Corresponding Secretary S.T.

the T. S. of the A. S.

1st

Edison's

Electric Pen & Multiplying Press

address

Geo. H. Bliss
General Manager. 142 La Salle St.

Chicago Dec 16th 1875

T. A. Edison Esq.
Menlo Park. N. J.
Dear Sir.

S. B. Grimshaw, Manager of the telegraph office at Independence, Kansas, is anxious to obtain a sample of your hand counting. He rendered me a good deal of service in the purchase of the Huffman patent. On account of his kindness in your interest, which was gratuitous, I should like to have you gratify him. You would be astonished if you could realize the extent of your reputation in the Country.

2d

Many of the papers start their advertisements, about as follows; Edison has accomplished marvelous things by the transmission of four messages over a line at the same time, & has thereby done great service to mankind; but the peculiar kind of bitters which we offer to the public give advantages beyond anything heretofore offered; &c.

It is the same in regard to supplying articles of every kind, useful and ornamental. I did not find a man too remote from railway & telegraph centers to know you & who was not interested in your achievements. Such is fame.

Respectfully.

Geo. H. Bliss
Gen. Man.

2241 Pa. Ave. Wed. Aug. 16th 1876

Dear Sir: The day I stopped at your place about four weeks ago I lost between Phila. & Wy. a right hand daughter of five with spring clasp. I just wonder to me that I might have left it at your place. If you have it & will send it to me you will greatly oblige

Our Bible class two weeks ago & we were 73 to Sabbath & Bethesda — Mighty & long may they shine. Yours truly W. J. Wood

POSTAL CARD.

WRITE THE ADDRESS ON THIS SIDE—THE MESSAGE ON THE OTHER.

NEW YORK
DEC 13
1 PM
F

Dec 13 1879

W. L. Giffin Esq
Care Thos. A. Edison
Menlo Park
New Jersey

Dr. W. LEIGH BURTON,

Dentist,

PRACTITIONER FOR OVER 20 YEARS.

Office: 824 Main Street, 2 doors above 9th St.,

Residence: 310 N. 8th Street, RICHMOND, VA.

Richmond
Dec. 16. 1878.

Knowing your time to be fully occupied with the Electric Light, I would be expecting too much of you to turn aside from your arduous duties, in order to make a full and thorough test of my electro-heating apparatus. You may well imagine however, that I feel some anxiety to learn if you have found the opportunity to examine it, or have as yet applied an electric current to it in order to test its principles.

Permit me to say also, that the invention having been placed in your hands, I have every confidence that you will deal fairly and impartially with it; and in case of its striking you as possessing merit, you would be placed by the in a position for reaping its advantages. I am very respectfully

W. Leigh Burton

834 Main Street
Richmond Va Dec. 16. 1878.

Mr. Thos. A. Edison
Menlo Park, N. J.

Dear Sir:

Knowing your time to be fully occupied with the electric light, I would be expecting too much of you to turn aside from your arduous duties, in order to make a full and thorough test of my electro-heating apparatus. You may well imagine however, that I feel some anxiety to learn if you have found the opportunity to examine it, or have as yet applied an electric current to it in order to test its principles.

Permit me to say also that the invention having been placed in your hands, I have every confidence that you will deal fairly and impartially with it; and in case of its striking you as possessing merit, you would be placed by the position for reaping its advantages. I am very respectfully

W. Leigh Burton

J. W. WEXEL,
13 BARCLAY STREET,
P. O. BOX 3112,
NEW-YORK.

WEXEL & DE GRESS,
NEW-YORK, MEXICO, PERU AND CHILI.
Arms and Ammunition,
MILITARY EQUIPMENTS, &c.
AMERICAN MACHINERY AND MANUFACTURES OF ALL KINDS.

F. DE GRESS,
ARMERIA AMERICANA,
1a DE PLATEROS, No. 5.
MEXICO.

New York, Dece 16 1878

T. A. Edison esqr
Menlo Park N.J.

Dear Sir

I send you by express one package containing one Smith & Wesson Revolver and 100 cartridge for same which please accept as a present from yours faithfully

J. W. Wexel

A. M. Way & Son,

Real Estate and Insurance Brokers and Auctioneers,

NOTARY PUBLIC AND COMMISSIONER OF DEEDS for New Jersey and New York.

No. 204 ALBANY STREET,

New Brunswick, N. J.,

Dec 16 1878

Thos. A. Edison Esq
Dear Sir —

A man named W. C. Atwell - called on us on the 12th, and stated that he was sent by you respecting some Real Estate at Menlo Park. — While here I cashed a check drawn to his order by T. A. Edison, which said check he represented was drawn and sent to him by you — said check has since been protested — Do you know such a man? — was said check made by you or is the signature a forgery? by answering the above questions you will greatly oblige

Yours Very Respectfully

A M Way

T. A. EDISON.

Menlo Park, N. J. Dec 17 1878

3

Mr Geo F Barker
Phila Pa

Carman shipped you the wrong box. The instrument you have is a borrowed one and yours is here will ship tomorrow—

Edison

21 2 H.

1.13
G/Ma

EDISON'S ELECTRIC PEN AND PRESS

Address
GEO. H. BLISS,
Genl Manager.

142 La Salle Street, Chicago, Dec 17 1878

T. A. Edison. Esq.
Menlo Park N.J.

Dear Sir.

What will it cost to have made a batch of ribbon mucilage of the same size as the last manufactured. Can your nephew make it up for me? What was the quantity made in the last batch?

Resp.

Geo. H. Bliss
Gen. Man.

116

Edison's

Electric Pen & Multiplying Press

address

Geo. H. Bliss
General Manager. 142 So. Dearborn St.

Chicago. Dec 17th 1878

T. A. Edison, Esq.
Menlo Park. N. J.

Dear Sir. It has been stated to me that Frank Pope intends to bring up the Edison-Hughes Controversy before the Chicago Electrical Society if possible in order to secure an indorsement of Prices. The Programme is reported to have been the election of Price as an honorary member of the Society. E.H. Hawkins is authority for this information which came to me through Allen Kellogg. I cannot believe it possible but the information might reach you through other

2K

sources & I thought it best to mention the matter. If the subject had been broached there certainly would have been a lively breeze, for your friends here are numerous & they could not have submitted to such action under the circumstances. I should like very much to have a list of English papers which published the first communication of Prices on the microphone. I want to find out through what channel they received the cuts & other particulars.

Respy.

Geo. H. Bliss
Gen. Man.

JAMES PARTRICK. FRANKLIN S. CARTER.

PARTRICK & CARTER,

Manufacturers and Dealers in every Description of

Railroad & Telegraph Supplies,

No. 88 South Fourth Street,

Manufactory, 614, 616, and 618 Filbert St.

Philadelphia, Dec 18 1878

T. A. Edison Esq

Dear Sir

Your Postal I have received & have written to Mr Singley in Jersey & Tasimeter = We have had no Circulars as yet = The Tasimeters are almost done, Cannot send them in same way in safety a dozen Carbon Buttons to put into them, or have been very busy or would have finished them before = We did not want to get out Circulars until we had Tasimeters finished =

Reply yours

Partrick & Carter

SIEMENS BROS

12 Queen Anne's Gate

London, S.W. 19 Dec. 1878

T. A. Edison Esq.
Menlo Park N.J.
U.S.A.

Sir,

We beg to acknowledge the receipt of your letter of the 5th instant and are extremely obliged to you for the trouble you have taken in forwarding us Mr Banks' letter, which shall have our best attention.

We are,

Sir,

Yours faithfully

Wm Siemens Bros.

L. Loffler

3909 Locust St.
Philadelphia Dec. 21, 1878.

My dear Edison:—

My big Gramme machine is burned out at the bottom & has to go to Paris for repairs. The little one is too small to be of any use to you. The Princeton people have two, one for power the other by hand but the latter is about ten times the size of mine. You can get the use of them for you. You are welcome to mine but it is too small. The phonograph has not come, as I expected from your telegram of Tuesday. I was exceedingly disappointed to have your order that one back, as I was just getting the hang of it. You tie yourself up too close on your inventions. Will you send me the chalk cylinders for the motographs, as you promised? And if you can spare one, one of your new motographs receivers?

Yours truly
George F. Barker

Boston, 18 Summer Street.
Philadelphia, 713 Market Street.
Baltimore, 227 West Baltimore Street.
Washington, 719 Market Space.
Cincinnati, 135 West 3rd Street.
Chicago, 120 Fifth Avenue.
St. Louis, 203 Washington Avenue.

E. S. Jaffray & Co.

719 Market Space,

New York, 320 Broadway.
London, 7 St. Mildred's Ct.
Glasgow, 24 Waters Street.
Manchester, 110 Portland Street.
Paris, 14 Boulevart Poissonniere.
Lyons, 2 Quai de Retz.
Nottingham, Broadway.

C. S. POLLOCK, Manager.

Washington, 21st December 1878.

Mr Edison
Dear Sir

Will you please excuse me troubling you with this note but I have a lot just in the rear of your factory which I wish to dispose off.

I will sell very cheap for cash

If any use to you I will be very glad to have a line to the above address

Respectfully Yours
C. S. Pollock
719 Market Space
Washington
D. C.

THOS. FLETCHER, F.C.S.,
MUSEUM STREET,

WARRINGTON, 23/12/75

MEMORANDUM TO Mr Edison Esq

Dear Sir,

In further reply to your note I wrote to my agent in U.S. who state that copies of the circulars have been regularly forwarded to you & that they have advertised continuously in at least 4 scientific journals. If you have failed to get any intimation of my communications being sold in U.S. it is entirely not the fault of my agents.

Yrs truly
T. Fletcher

U. S. Revenue Marine,
U.S.R.C. Steamer "Allen Hamilton"
Philadelphia Dec 23, 1878.

Hon Geo. Bancroft,
Washington, D.C.

Dear Sir, I have
kind offer to submit
my views on the subject
of lighting from Sun and
Mr. Burgess, & Mr. Edison
the - enclose herein
some suggestions that
have occurred to me -
when in the darkness,
with the anxieties for
light as to time exact

position of the Vessel as I approached the Coast made me mind of girls into all sorts of speculations that I thought could suggest such doubts. and if in any of this, a suggestion useful to Sailors, may occur to the Professor. I shall feel amply rewarded, and sincerely grateful in proportion as he is giving his abilities to some application that will so greatly help us all.

Thanking you for your kindness, I ask that you will if you deem it sensible, avoid my letters from with such suggestions as you may deem advisable.

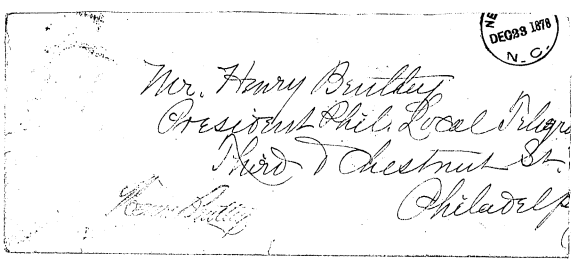
Yours Sir.

Yours T. A. Edison

Joseph Brich

Memo for Mr Edison.

Capt Brich is one of the most progressive and enlightened gentlemen in the service of the Sea and fully awake to the needs of his profession. I think the chance of doubt, from his views, assuming Reality. You may at some period, consider them, I keep a close watch on your progress & feel proud to be one of your personal friends. Butler



[ENCLOSURE]

U.S. Rev. Cutter "Alex. Hamilton"
Philadelphia Dec 23 1878

Dear Sir.

I have for several years been wondering if it were not feasible to obtain some kind of small light, as an aid to navigation, to be attached to, and showing the position of Iron Can or Nun Buoys (marking the dangers of the coast) when approached by vessels in clear weather at night, and my attention has often been drawn to this distance the ray of a particularly bright glow of phosphorescent light in the water could be seen from the vessel at night, where there were thousands of minor atoms also visible; and I thought were this bright glow showing alone, it might have been seen much farther by the naked eye, from the vision not being diverted by the smaller glows, also also thought it would have likely appeared more plainly at a greater distance if its rays had been converged

[ENCLOSURE]

to the position of the rocks below.
to the eye, instead of diverged from the
area of vision occupied by the twinkling
the eye. I first admit however that I
have no knowledge of Mechanical
application, or laws of Chemistry or
Physics; but believing as I think that
such a light would be of the greatest
aid to Commerce and Navigation, of inestimable benefit in the Saving of lives
and property, as well as of expeditious transit on board Vessels, I have ventured that
something could be devised that would
reliably & decidedly show conviction. The
luminous, as it just continues for
about a period of four months without
being replenished; therefore besides by
a Gribo, Magneto Battery, the motion of
the tide in the water, Other power.
Although it is perhaps but a small light
it could be rendered visible by reflectors
if it was deemed necessary. I would
respectfully suggest the Lighthouse Board
and thus no great-

[ENCLOSURE]

3

amount of material to be used for its production, or space occupied for its utilization, and I suppose a triple stand could be formed inside and on the upper end of the Buoy for its reception, by building a reservoir or chamber so fitted as that in the event of its being submerged by collision with ice or passing vessels, that the apparatus could not be worked or the vessel broken.

I had thought of having carbon points set in regular spaces about the circumference of a glass, kept touching by a pressure spring, acted upon by the Magneto Battery, that carried the sounds round by a contact to sounder show sending stations with the Battery would needs be renewed every few days. This of course would be impracticable, yet I suppose the government could scarce hope to have access to the Buoys for replenishing more often than twice in a quarter. I fear, hence something destitute say about 120 days would probably be best

[ENCLOSURE]

4

and I think if a first or second class iron buoy which I hear costs about six to eight hundred (600 to 800) dollars, (the Automatic Whistling Buoy much more) is requisite for a day mark, or to mark a shoal or danger by day, it should be both equally that should not be required to be lighted and show the position of buoy or place of danger at night.

I deemed it possible that among the various experiments and inventions which you are making, some one of them might be utilized for this purpose, and that this suggestion would induce you to give the subject of aiding sailors, a little of your attention in this direction. Having recently read or heard that you had discovered some application or amalgamation of metals by which you obtained a continuous glowing (exhaustless) incalescent or incandescent light, I thought it might prove applicable to this purpose, and by you be deemed worthy of such

[ENCLOSURE]

adaption; at least might not some of the various methods I have used for producing light, if not practicable for the surface, yet bought be useful and suitable for this.

A recent conversation with Mr. Henry Brinley of Philadelphia upon this subject led to suggest that a letter to you from me might not be considered an annoyance, and tendered his kind offices in introducing it to your attention, which, meaning well I with thanks, and hope the proposition may be found of interest and profit to you, as I am sure it will prove a blessing to those looking for more light at night when groping along the coast.

Permit me Sir,
With great respect
Your obedt. Servt.
Joseph Finley
Capt. U.S.R.M.

No. 63.

Message No._____ **The Western Union Telegraph Company,** Letter_____

From_____ to_____ Sheet_____

New York Dec 24th 1878.

Friend Edison.

I know you have no time to see visitors now, and for that reason I wish to drop a note to ascertain when you can see me.

I want to talk with you a few moments in regard to the chances of getting hold of some position in connection with the Electric light.

I left my position at Boston (as Cashier) two years ago (voluntarily) to enter in the Grain Commission business at Baltimore, but, everything was against us and we did not succeed in getting up a trade. I am now doing next best thing, working as an opr here on night service.

I have the best of letters and want you to add your own influence to it when the time comes. I want to come over and go through your establishment, but I dont want to go if it will add to your

to your cares, as I know the annoyance from this cause must be very great

Truly Yours

Richmond Smith

Mr Jas. W. Taylor
R Smith
a Jury

NY Dec 24/78.

My dear Edison

I'm must take the will for the deed. I send you by mail a Photo with a merry Christmas & yr and yrs Edison.

Cheerfull 1879 will bring brighter skies for you & me.

My new fil G is working O.K.

Yr J Reiff

Haverhill Mass
Dec 14 78
Greenwood
Ans Dec 17 78

Haverhill, Mass, Dec. 24/78

T. A. Edison Esq.

My Dear Sir.

A letter from my brother in law in Bombay reminds me of my obligation to address you a line respecting that business of three months ago.

You will recall the fact of my presenting the name of Henry Ballantine, accompanied with references to Sanman & Kemp, U.S. Pres. Lodge, Ambassador, etc, as a young man of fine business qualities and everyway fitted by acquaintance with the Indian people and language for advancing your interests in that region. Your reply was that he should not apprehend

P.S. In his letter Mr. B. evinces particular interest in your electric light, but as I suppose an agency covers all your interests, I have not thought it necessary to enter into particulars.

W.G.

ment in case no one had been chosen by your Paris agent.

The letter above mentioned from Mr. B. speaks in a manner leadingone to suppose no one is representing you in Bombay at least.

Accordingly I write to suggest the matter once more, hoping I shall not thereby seem presumptuous, but only interested. And I will add that, should you desire, I should be most happy to procure and forward, or have sent directly to yourself any testimonials respecting the gentleman in question, which you may desire.

Remain,
Yours sincerely,
Wm Greenwood.

(Electricity)

Western Electric Manufacturing Company, of Chicago,

Electro-Medical Department, Eastern Supply Depot,

Dr. T. CLELAND, Agent.

267 BROADWAY, NEW YORK, Dec 24 1878

T. A. Edison, Esq.,

Dear Sir:

I see that a bronze medal has been awarded to J. A. Mackinzie, - "Your particular friend" - for a duplicating Ink - by the American Institute.

You will have to look out for your laurels or he will also be awarded the Gold medal by the same institution for "An Electric Pen & duplicating Pens" "What Fools these mortals be!"

Yours truly T. Cleland.

T. A. EDISON.

Menlo Park, N. J., Dec 26 1878

Ticket Office
Union Square Theatre
NY.

Please keep four Orchestra seats for Saturday night will call for them another

Thomas A Edison

1 3 DH

6 11 Mu 9 Fy

Dec 26 78

1 NY 26 9 PM

Thomas A Edison MS

Will have seats at Box office for you

E. H. Goige

Spoil mice,

My Dear

I enclose Pass for Phonograph —
I will see to Electric Pen Ship — can do it till next week though, but will do it somehow

Hastily
Yours

W-12.25.78

Executive Office

Western Union Telegraph Company

President's Office. New York Decr. 26th 1878

Thomas A. Edison Esq.
Menlo Park, N. J.

Dear sir:

In reply to yours of 23d instant, I regret that my position in respect to the negotiation with you for an early production of a new Receiver, should have been communicated to you as an expression of displeasure with you. The contract between us appeared to me to make ample and proper provision, but I was quite willing, in addition to such provision, to pay a bonus that would cover the cost and compensation for the extraordinary effort for its early production. I was unwilling to add to the royalties for which the

Gold and Stock Company would be responsible, and believed, as I now believe, that if you understood the situation thoroughly, you would not ask it. I am quite satisfied there never has been a dollar of profit to any proprietor operating the Telephone; and unless the competition is speedily reconciled and better prices obtained, there never will be.

The Gold and Stock Company are paying you a very handsome annuity for the use of what has never yet, and does not promise at an early period to pay them back any profit whatever. In this state of the case I did not consider it prudent to add materially to the burdens, in the form of rentals, royalties, &c, which the Gold and Stock Company is now bound to

pay quarterly; and preferred that anything additional we should have to pay to what was provided in the contract should be paid up at once as a bonus. The subject was, however, referred to a Committee with power, with whom you will no doubt, be able to make terms.

I can not close this letter without referring to your note to Mr Twombly concerning the Autograph invention, and your inferences that I had some relations with Mr Andrews which seemed to mean some partiality in favor of his claim upon it. I beg to assure you I have had no dealings whatever with Mr Andrews, but having been shown your agreement with him in writing, I could not deem it prudent to

make any contract for an invention which he set up claim to, supported by what appear to be a written contract. I should be very glad to have that matter reconciled and would cheerfully recommend some expenditure in the development of whatever may be found valuable in an Autograph instrument.

I am, respectfully,
And truly yours,
Norvin Green
President

Dec 26/79
Dr Green
Regarding my telephone receiver

Form 81.

The Gold and Stock Telegraph Company.

New York Dec 27th 1878

S. L. Griffin Esq

Dear Sir

Can you inform me when Mr Edison will have the electric light completed, so as to connect into factories, where they have their own steam power. I have an applicant who would like to use electric light, in place of Gas, provided He can save anything by it. I would like to have an Agency for this business when the thing is perfect. I presume it would be better than pounding brass. I would like to come out, and see you some day, and take a look at the place, I don't suppose Mr E remembers me, when He worked in the Bankers & Brokers I set up his first Duplex between 16 Broad st & Phila—

I am anxious to get into something where I can make some money, and think it is in the electric light. Please write me when you expect to be ready to start this business.

Respy Yours
J. B. Collins
Prest Dover
Gold & Stock Tel
197 Broadway

Myller 27 W
J B Collins
answ Dec 29 W

Forbes & Stokes
Newport R. I.
Dec. 27th 1898

Fred N. Edwin
My dear Sir:
Perhaps you remember a letter which I wrote to you last spring (about 6 mos) for a Dr. Alexander Schwenk. Did you take a copy of it — if so I would like to get a copy — if you did not — could you get one from the Dr. I was in the mind that to copy it — I would like to refer to it if I could get a copy — I will be willing to pay for the having of a typist do the work for it —
This subject is attracting great attention just now

Dec 24/78
Newport R.I.

Merely Farmer
Ans Jany 2.4.79

Dear Edward —
You will find an excellent article in the Revue des Deux Mondes for March 1878 — I think by Prof. Jannet. —

I send
Christmas Greetings
Mary Jane.

Mrs E. Farmer

Ed. The Italian wheat I sent you one year — it is too hard & brittle to be drawn into wire — meets nearly 90 per cent of platinum in order to be drawn into fine wire — I have two dozen sold & it will bring $20000. this year by mail — Sure thing

Mrs E. Farmer

Executive Office

Western Union Telegraph Company

New York Dec'r 28th 1878.

Mr T. A. Edison

Menlo Park, N. J.

Dear Sir,

I am obliged for the letter of Mr John E. Watson forwarded by you to me. The subject I am not conversant with, but would like to have any suggestions you see fit to make which would be highly valued.

I am waiting for reply to my letter of the 23rd inst.

Wishing you the compliments of the season I am.

Yours truly

H. McK. Twombly

Vice President

S.E. Cor. 3d & Chestnut Sts
Phila. Dec. 28. 1878.

Friend Edison:

If I am not taking too much liberty, I would like to ask you to favor me with a little of your carbon, such as you use in making your carbon buttons. I was fortunate enough to get a small quantity of it some weeks since with which I made a very delicate & remarkable hand microphone, transmitting speech & music beautifully at 15 & 20 feet off; but greatly to my regret, I spoiled it recently while experimenting, and have been unable to make anything equal to it from carbon of my own make.

I have a wire to my house which enables me to converse with various telephone wires, & it is a source of much amusement to myself & friends.

If you can consistently favor me with a small quantity, either in button or other wire, I will esteem it a great favor - Wishing you much success with your latest wonder, the "Electric Light."

I remain, very truly yours, J. W. Dyer.

P.S. Strange upon have elapsed since I had the pleasure of meeting you, & my name may have passed from your memory. but you will probably recollect me as being connected with the Brokers & Brokers Tel Co. during its existence

Yours truly

J. M. Dyer

Philadelphia 1898

J. M. Dyer

Auditor

Philadelphia

[December 30]

Sir

Have you moved yet into your new building and will it be a good time for Mr. Hertz and his son also myself to go to Wells Park on Saturday Jan 4th 1879.

Yours Truly

M. E. Hopcroft

Dept of Astronomy
Columbia College
New York City

1E

EDISON'S ELECTRIC PEN AND PRESS

Address
GEO. H. BLISS,
Gen'l Manager.

142 La Salle Street, Chicago, Dec 30 1878

T. A. Edison Esq.
Menlo Park. N. J.

Dear Sir.

I notice by an article copied from the New York Sun that some paper has reported me as having said that with your new Telephone receiver messages could be transmitted through the Cable. I did not say any such thing. I prefaced my remarks on the Telephone by a description of your Motograph. I stated that I had seen a bell lever moved through a resistance equivalent to the length of

the Cable. Subsequently I said that it seemed to me the great value of your new receiver would be that it would promote telephonic transmission over much greater distances than the telephones now in use, and for the reason that with them as the distance increased the tone diminished. I said that your new receiver could be made so very loud that it gave a large margin to work upon; and I did state that it would soon be possible to work by telephone from New York to Chicago.
However the principal interest in this item, for me; arose from the fact that it gave the selling price of your telephone

patent in France as 500,000 francs; and my share of this will be most acceptable as soon as you can make it convenient to send it on.

Cant you give me a point or two on the Electric Light business so that your friends this way may have some idea of the progress made. We want something to pin our faith to.

What I said in regard to the Gray receiver was that he claimed the possibility of adapting his Resonant Motor for use as a receiver. Mr Kellogg then stated that Gray had actually made a telephone receiver which worked successfully

4E

without a magnet. This I have never seen & do not endorse, although it looks to me possible.

Resp'y.

Geo. H. Bliss

Gen. Man

1st

EDISON'S ELECTRIC PEN AND PRESS

Address
GEO. H. BLISS,
Genl Manager.

142 La Salle Street, Chicago, Dec 30 1887

T. A. Edison, Esq.
Menlo Park. N. J.

Dear Sir.

They are after me red hot to deliver lectures in a large number of towns & want me to begin in the early part of January. Whether I do this is contingent on your furnishing me with your new Mo-Ro phone for use in this connection. The lecture will be entitled "Edison and his Inventions" and will be devoted to such things as I am familiar with. I shall not do you any harm, but think it will be an, be ...ficial

2d

to your interests. Please write me just what I can depend upon.

Resp'y.

Geo H. Bliss
Gen. Man.

Ablasserdam
Dec 31, 18
Ans Jany 16 79

Ablasserdam, December 31st 1878.

Professor T. A. Edison, Menlo Park N.J.
Newyorks.

Honoured Sir.

I am in receipt of your very kind favour of the 3rd inst. covering the four newspapers, and I beg you in the first place to accept my hearty thanks. Be assured I have studied all with great pleasure, and perhaps I may do my advantage with it. Your description about the new receiver for the carbon transmitter is not quite plain to me but don't trouble yourself about it, your time is too precious. As I have not the honour to be known to you, you may enquire for me at the foreign office of the Netherlands Consulate. I am indebted for taking the liberty to propose you the following, but my seven children require a good instruction and a fashionable education, and dear Sir! what can I do with $ 800 a year.

The world is still large enough for establishing your electric light, when taking off that small Holland, where as you know, no patents are given. Here in this country place. I have several industrious friends, who will give me the required

financial power, when I have a full description of your invention about the electric light. In half a year certainly all your patents will be settled in Europe, now I then ask you: what have I to pay for your sublime invention? I beg you pardon Sir, if I have been indiscreet, but all my hopes are fixed on You for my seven children. I am also disposed to be your sole agent in Holland for a certain appointment a year. If honour me with your orders, you will have no grief of it. I shall swear in Solemn oath, that nobody will learn anything from me, as it is for me a question to be or not to be. Perhaps Sir, you will ridicule me and not be inclined to accept my serious proposal. I assure you my financial power will be sufficient. When you have one moment at leisure think about me, and give me any employment in Holland. I should willingly ask you for sending me a Phonograph made by yourself but a great deal of money will be required. I think

Anxiously awaiting a favourable answer, I have the honour to be, respectfully

Yours

A. van Riel

Director of the telegraph Station Albrandswaardsdam near Rotterdam

Dec 31-78
10 AM

1
New York 31
Edison

Can you see me this afternoon
specially. from Montreal
J Wilson Central Hotel
272 West street N.Y.

17 Paid
" mail

1
Dec 31 78

No 3.
J Wilson
Central Hotel
272 West St NY

Mr Edison cannot be
seen to day has just
gone to bed
S K Griffin

12 Collect
10 11 PM
7 Mar

Confidential

UNITED STATES RAILWAY TELEGRAPH CO.
No. 52 BROADWAY.

New York. Dec 31 1878

Dear J.R.

Papers filed ok —
no publication yet —
How do you like the name?
Happy New Year to you & yours.

JR

(Dec)

My Dear T. A.

Send you printed City of the Telephone Consolidation — After reading please return it.

Also make you Ritson's letter about the London Compromise. The "future arrangement" he refers to is the Brown Relay Patents I spoke — E.H.A. can tell you about that.

All we want to send them now is a simple letter with the approval of yourself & myself — Since sign also as Hamilton Atty —

TJCR

I finally succeeded in getting those papers back from Wheeler counsel for A.T.&T. which includes the one we mind reserved for Telephone purposes

My dear Adam

Please let
know the last Mexia
relation of our the Mexi
a church office the M E
[illegible]
look [illegible] you —
Always Your Friend
G. P. Fonzo

[INCOMPLETE]

(Fall)

matter is intolerable
beyond. Coming to Mr. McMahon
being confined to his room
by severe sickness - I have
much more work to do than
I otherwise would. I
am compelled to use
him to work other Tel
ie Telephone & assist-
ing on light. The new
Autograph Telephone is
doubly invaluable to

[INCOMPLETE]

fills the large space
completely - in fact very
like a Ball. The
W.U. do everything by
Mr. I ask. I could
not find a good finger
to have sent for Mrs
Cole - will make a
sensation with her
on the new Telephone
& Phono. My Phono
is pronounced a
great advance on
the one at the old
South McMahon

[INCOMPLETE]

though is bad - seems this business
dying up. & thus the audiences
have not been as large as
he expected he thinks they will
be after Monday. The megaphone
came only yesterday. Pay. was
delayed on road. If you
want Martin telegraph if
not - & can let me keep
him till I get through
good -- Yours - John

THE ELECTRIC PEN & PRESS.

Office 59 North Pearl St.
Albany, N.Y. 1878.

T. Edison, Esq.

My dear Sir: On my honor I did not intend to flatter you in my letter - I honestly believed every word I wrote and meant it too. The meaning of the word sycophant is this: Sucos, means "a fig" and phaino means "I show" and a sycophant, or flatterer, is the man who shows you a fig. As figs were common as dirt in the east you could show a man nothing smaller in value. I am no fig-shower. There was a debate at our club here the other night - I mean "our" because they have admitted me as an hon. member. "Resolved that Morse has done more for the honor of America than any other man." I spoke. If you could have heard me trace up your history, genius, Quadruplex, Pen, Phonograph and general wonders you would have let stock in yourself rise to a five premium. And when such a man as our State Geologist could rise and question these greatnesses of yours as compared with Morse's one point and gravely weigh the disputed quibble you would have started to find that others than I can appreciate Edison.

Why I am as cool as can be when I deliberately ask you to prepare for me some slight sketches of your career - such as when the incipient genius first showed symptoms of genesis, how you got your first clue to invention. The time will come

when you will see yourself bound in morocco gilt edges and tooled – "Bigelow's life of Edison" stamped on the back.. Such a volume will do something to establish you and will certainly remunerate me.

I had a jolly letter from Bliss this morning. Remember I am hanging round here till I get a line from you to say "Very sorry but you cannot have the Phonograph."

I can only say if I can have the Phonograph I will give you half the receipts and you can send your own Agent to collect the money if you like.

You ask me if I would come to Menlo Park "to get the hang of the thing." If Menlo Park were in Palestine I should not hesitate to come, being in New Jersey I am at your service at any time. Bliss drops a tear over the loss of the Phonograph and I believe in his heart of hearts thinks that I am at the bottom of it all – if I could have raised stock in time for you – if – you know what if means. If I had only had the brains to invent the Phonograph no fifteen per cent would ever have tempted me to sell my birth-right. You have out Esaued Esau. You have killed a goose that would lay a dozen golden Effs every day of your life. I should have wanted

at least a hundred thousand
dollars and twenty per cent as
long as the patent lasted, and
I should have got it.

I hope to hear from
you soon.

Yours very cordially
Bernard Belyeby.

Jim Tassell

Oh, Tom,

My pony I did not see you Oday. Supposed you were at Mr Bell's parlors but found on use that you had gone to bed. Kind regards to Mrs. [illegible] Look to yourself if you shake [illegible] may [illegible] to Chicago see me, raise up. Come across any other [illegible] please send it my address.

Your [illegible]

Jim Tassell

Dear Friend Edison,

Allow me to introduce you to my old preceptor, Mr Sabin Hough, (a gentleman who was my first tutor in the newspaper profession, twenty five years ago). I have told him of the wonders of your improved phonographs and he is anxious to see them for himself. Will you be so kind as to show him through the wonders of your laboratory, especially "that latest idea" of talking copy for the printed.

As ever

Yours

John Hasson

Jersey City N.J.

T. A. Edison

Mr Baker

Col. Rose and ladies wish to visit Mr. Edison tomorrow morning; will you or Mr. Batchelor do this? Please answer.

W. E. A.

Yes will [illegible]

T. Edison

J. P. Miller care of Spruce 835 Broadway

Phonograph and Telephone are taken away to-morrow

J. P. Miller

(1878)

Paul Oster 28 Murray Place New York

Wage Stock Lights to no Extra Night

N. Oster

T A Edison
what will we do for Kirk Murray

I will be at Pen Office Saturday

Carman send this telegram

J. T. Murray

10 Ward Street

Newark N.J.

Batchelor will call on you this morning wait for him

Edison

Dd.

I wish you would send me by Express or mail a carbon button for your telephone! —

I will send my Phono to you to be rebuilt! if I can't get done here

U H D

Work to T A Edison

Will you be at Works this afternoon — Butler and myself are working coming down

G B Prescott Jr

11 paid

Cable = Edison Menlo Park New Jersey

Waiting for Telephones, phonograph –

T. London

T. A. EDISON.

Menlo Park, N. J., ... 187

Edison

[illegible]

[illegible]

11 [illegible]

[illegible]

Al y & T A Edison
if you will be at home
tomorrow will call on you
to see about ~~play~~ latter
ans immediately
Sig G. Mace
Mace Ag

T. A. EDISON, (1878)

Menlo Park, N. J., 187

New York 4
T. A. Edison
Le Sure Can O interview you
briefly tomorrow Answer
S. H. Coon
353 Washington St
Brooklyn

(1878)

FROM THE LABORATORY OF
T. A. EDISON,
MENLO PARK, N. J.
U. S. A.

Message from New York
To T A Edison
mailed letter this a M if you come
in come and see me

Sig Griffin

Message from Brooklyn Ny (1878)
To T A Edison
Please find board for self
alone Bag and Baggage by next train.
Bliss Rendered
Signed
J K M Tower

A large party mostly members of Essex Club will positively visit your this afternoon do not fail to be ~~the~~ on hand

Sig O. L. Leyenberger

file Miscellaneous

(1875)

3. New York 5

T. A. Edison,
N. J.

Will you be at Laboratory
Menlo tuesday next forenoon
answer

T. C. Elliott

12 Cortlandt

My dear N.

I have not yet come across the poem but have addressed to Hall Griffin have a number of answers by Thursday that you remember this

Wish you get
Katherine Yarbrin
from Kirsch particulars
Assign.

J.C.R.

New York

T. A. Edison.

Can you lend me a carbon transmitter with its resistance coil for a day or two same as you sent Mr. Beatty wants to try it on bad wire, Mr. Beatty reports wonderful results from it.

Geo. B. Scott
Supt.

17

M. Carman

Please send Boy gorge to morrow about 2 Pounds of the long narrow tin foil to J. O'Brien Menlo Park

T. A. Edison

~~Mailed 24~~

24

6 M

[ON BACK OF PRECEDING PAGE]

Wiesbaden Apl. 23 1848

Sir Thos. A. Edison

I have read in the papers about your wonderful Inventions as Electric pen, Aerophone &c. and take the liberty to ask you whether you would be kind enough to honor me by giving the Representation for Austria.

I have so far represented a Prussian house here under the firm Scharz & Berndt but on account of dull trade the Partner association the 1. of Jan. I have now started a agency & Commission business & I should be very glad if you would honor me with your confidence to give me the agency of the above Inventions for Austria. I am gladly made to serve you with the finest References.

I should with joy receive the answer honoring me with your contend

Very Respectfully yours
Adolf Schwarz

1878. Edison, T.A. - Accounts (D-78-003)

Accounts (1878-1879).

All selected.

Laboratory of
Thomas A. Edison
Menlo Park, N.J.

_____ 187_

Theodore Puskas

		To Thomas A. Edison.		
Jan 78		Carbon Moulds	130.69	
		4 Cast Iron Transmitters @ 8cts	32.00	
		6 Telephones complete on brackets @ 27cts	162.00	
		2 Relays @ 7cts	14.00	
		3 Hustle call bells @ 2cts	4.00	
		6 Receivers @ 7cts	42.00	
		15 Telephone Cords @ .25	3.75	
		2 Transmitters @ 8cts	16.00	
		1 Pressure Relay	5.00	
		1 Key	2.50	
		1 Sounder	4.75	
		32 Carbons @ 10	3.20	
		Electromotograph	2.50	422.39
		Cables		
May		Edison to Puskas 9 words	6.84	
	25	" " " 11 "	8.36	
June 8		" " " 10 "	7.60	
July 8		" " " 12 "	9.22	
"		" " " 9 "	6.84	
"	15	" " " 8 "	6.08	
Aug 15		" " Adams 51 "	38.76	
	16	" " " 12 "	9.22	
	16	" " Puskas 28 "	21.28	
Sept 21		Puskas Edison 6 "	4.56	
	21	Edison to Puskas 58 "	44.08	
	22	" " " 22 "	16.72	
			179.56	422.39

1878		17 9.56	422.39
Sept 24	Edison to Pusskas 6 words	4.56 ✓	
Oct 8	Pusskas " Edison 10 "	7.60 ✓	
" 10	" " " 8 "	6.08 ✓	
" 10	Edison " Pusskas 11 "	8.36 ✓	
" 12	" " Adams 20 "	15.20 ✓	
" 12	" " " 16 "	12.16 ✓	
Nov 5	" " Pusskas 11 "	8.36 ✓	
" 6	Pusskas - Edison 5 "	3.80 ✓	
" 9	" " " 3 "	2.28 ✓	
" 9	Edison - Pusskas 12 "	9.22 ✓	
" 29	" " " 22 "	16.72 ✓	
	" " " 7 "	5.32 ✓	
24	" " " 9 "	6.84 ✓	
30	" " " 8 "	6.08 ✓	
Dec 5	" " " 9 "	6.84 ✓	298.98
	Nine hundred dollars advanced to Adams 1/2 of this Expense		
	1/2 France		450.00
July 29 1879	2 Telephones @ 20c	40.00 ✓	
	2 Batteries " 5c	10.00 ✓	
	2 Buttons, Rubber @ 15c	3.00 ✓	
Aug 1st	Cable	6.24 ✓	59.24
			1230.61

Laboratory of
Thomas A. Edison
Menlo Park, N.J.

_____ 187_

			1230.61
Dec 3 1878	Edison to Puskas	57 words	43.32 ✓
5	Puskas to Edison	6 "	4.66 ✓
Jan 24th 1879	Edison to Puskas	9 "	7.02 ✓
Apr 11	" " "	6 "	4.68 ✓
11	Puskas " Edison	9 "	7.02 ✓
May 2	Edison " Puskas	16 "	12.48 ✓
16	" " "	3 "	2.34 ✓
"	" " "		
June 26	" " "	4 "	3.12 ✓
July 15	" " "	5 "	3.90 ✓
" 23	" " Bailey	8 "	6.24 ✓
Oct 5	" " Puskas	24 "	18.72 ✓
Nov 13	" " Castle & Fischer Chic.	21 "	16.38 ✓
" 3	" " Puskas	9 "	7.02 ✓
2	" " "	11 "	8.58 ✓
			145.45
			1376.09

Month of January
1878

Stationery 14 hrs
Phonograph 243 "
Telephone 59 "

3 19

Expenses
Jan. 17 fare to N.Y. $ 1 00
" 24 6 Drills 0.55
" 1 Dog. Ch. books .35
" 1 " Sock .22
" fare Nimo St. 75
Paid to Billing for Stock
" 29th for express 4 00
50
$ 7.37

Domestic

Mar	1	Bennell —	25
	2	Cheever	25
	8	Bennell	25
	16	Bennell	33
	28	W H Painter	25
			1.33

Cable

16.	Preece —	18 words @ 79	1404
3	Puskas	9 " @ 78	702
20	Puskas	9 " 78	702
			28.08

Dom — 1.33
Cable — 28.08 in March
$ 29.41

Rents for these
Spence 25
Bennell 25
McConnell 25
Mar 30 27
102
29.41
$ 29.43

A. L. Griffin
Acct with T. A. Edison

July 10th 1878

Pony acct

June 21st	Car fare & parcage	50 ¢
" "	Dinner	50 ¢
" 24th	Car fares to N.Y.	30 ¢
" "	Dinner "	50 ¢
July 2d	Paid Rudolph (on bill)	55 ¢ ✓
" 8th	Bottle Castor oil	50 ¢
" "	Shaving horses	$ 2.10 ✓
" "	~~Check stamps~~	~~$ 1.~~
" "	Ticket to New Brunswick for Rudolph	55 ✓
July 8th	Bucket-peaches	$ 2.00 ✓
" 3d	Ex on fire works	25 ✓
June 10th	Blank power of Atty	50 ¢ ✓
July 8th	Dinner in NY	50 ¢ ✓
" 9th	" " "	50 ¢ ✓
June 9th	Notary Connet	$ 3.00
" "	Dinner, —	50 ¢ ✓
" "	Car fare Menlo to NY	95 ¢ ✓
" 11th	Fares in New Y	1.25 ✓
" "	Dinner " " "	50 ¢ ✓
" 9th	Car fares in Newark	10 ¢ ✓
July 5th	~~Paid Chas Ludlow & Co~~	~~$ 29.99~~
" "	Ex on 2 pkgs	50 ¢
		$ 46.85
		6.70
		$ 1.52

Cr

June 9th	$ 10.00
July 8th	5.00
" 8th	30.00
	$ 45.00

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158

1999
7.5
J.D.

[PHOTOCOPY. ORIGINAL IS IN INVOICE BOOK, CAT. 1161]

Nov 16. 1878

Statement

Recd from E Light Co		$2,578.70

Disbursed

Pd Manning Freeman	$1,543.63	
Pay roll (Outside)	237.37	
" " (Inside)	284.91	
" T. T. Carman (Jan 1 to)	73.80	
" Roxbury (Coal hay)	5.75	
" T. L. Griffin on ticket to N.Y.	1.00	
" Wm Carman " " " " Nov 12 75	1.50	
" A. L. G. Freight-wire from Nov 78 to Jan 1st " " N.Y. 30.0	1.15	
" Cash to T. A. E. (Nov 15)	1.00	
Balance	$2,150.11	
	368.59	
	$2,578.70	

Recd from Gold & Stock Tel Co acct Telephone	$250.00
" " " " " " " Salary	83.33
" " W.U. Tel Co acct contract	100.00
	$433.33

Disbursed.

Paid Mrs T. A. E.	$83.33	
Paid A. L. G. (See previous statement in invoice book)	45.21	
	$128.54	
Balance	304.79	
	$433.33	

Recapitulation.

Balance from E Light acct	$368.59	Deposited with Dryd. M. & C. Nov 17 78 $300.00
" " Grd & W.U. "	304.79	Overdrawn $94.21
Leaving Bal due T. A. E. overdrawn $1.00 for Kansas ticket to N.Y.	$673.38	
	$673.38	

[PHOTOCOPY. ORIGINAL IS IN INVOICE BOOK, CAT. 1161]

Nov 23 78

Statement

E Light

Drew from D M & C	Cash	$829.04
" " " " "	Check	742.25
		$1,571.29

Disbursed.		
Krucci	310.43	
Carman	181.46	
Check to Freeman	742.25	
Deposited D M & C	150.00	
Paid T & Carman	35.33	
" Patterson Bros	45.85	
" Eugene Phillips	61.06	
" Ex Chg on C.O.D	13.60	
" Ex ticket to N Y	1.00	
	$1,540.96	

1571 29
1540 96
$30 33

Drew from Well. on a/c	$100.00
Paid Mrs T & E	50.00
	$50.00

Recapit

E Light bal	$30.33
Well. "	50.00
	$80.33

~~Cash on hand~~

Cash paid to T & E Nov 24 78

[PHOTOCOPY. ORIGINAL IS IN INVOICE BOOK, CAT. 1161]

S.L.G. Statement
Nov 30. 1878

Money recd from 6th Light Co				$1,723 78
Disbursed.				
Paid Manning Freeman	$495	56		
" Krucci pay roll	271	87		
" Carman " "	260	72		
" Fit Bills	27	87		
" Krucci Cash	27	00		
" " for Palestine S.E.G.	10	00		
" Auto Rt acct Slutter & Co	5	20		
" Mr Broadfoot (Gouverneur & E.)	5	00		
" Smith Bbl appces	7	00		
" Fare 8th in N.Y. S.L.G.	1	60		
" Geo Carman	1	00		
	$1,107	62		$1,107 62
				$616 16

Recd from W.U. on contract	$100	00
" " Gt J " "	200	00
" " " " " Salary	33	33
	$333	33

Disbursements.
Paid Bootkeeper $33.33
" 50 00
$ 383.33

Bal from 6th Light fund	$616	16	✓
" " W.U. & G.J. "	383	33	✓
Total amt of Cash (Hand & on hand)	$999	49	

Manning Freeman	1054.67
Labor a/c #1	578.15
John Krenzi	78.00
Wallace Dow	22.67
J D Carman	138.00
Salamander Brick wk	14.25
Patterson Bro	58.16
J H Thomas	24.50
Pay Roll #2	~~215.53~~
~~J H Thomas~~	~~24.50~~
	2183.88

~~2257.47~~
~~2183.88~~
~~73.59~~

Griff

These are the amounts owing those parties on Electric Light A/c and for which I gave you statement of $2257.47

~~The~~ Bal ~~$73.59~~ is for cash we paid out on freight & sundry articles bought by George in July

BC

Edison Chk 2457.82

Checks

B. & Co	475	
Phillips	150.	
Adams	100.	
Batchelor	100.	
Gallagher	21 25	
Shaw.	137. 89	
Kneen	000. 00	
Gillotain	67. 98	
Field	75. 30	
Davis	125. 00	
Self.	100 00	
Self.	655. 40	
	2457.82	

Received from T. A. E.,
Check for — $3292-90

Paid him Check	131.92	
"	2319.30	
"	150.00	
" (Rayner)	4.00	
" Kruesi	25.00	
"	195.82	
Kept for myself.	463.86	$3292.90

T. A. EDISON.

J. Kruesi Sp. co. own — Sh. 20 $\frac{00}{100}$

Labor Sp. $ 120 $\frac{00}{100}$

Menlo Park, N. J.,

1887

1878. Edison, T.A. - Advice (D-78-004)

This folder contains unsolicited correspondence suggesting improvements in Edison's inventions, asking for his advice on technical matters, or requesting his assistance in improving or promoting an invention. These letters cover a wide range of subjects and approximately 50% of the documents in the folder have been selected as a representative sample. All letters with marginalia or which are part of chains of correspondence have been selected.

Boston, Jany 22 1878

Thomas J. Edison Esq
Sir

I have been reading a very long and interesting account of your inventions relative to telegraphy &c and the ~~account~~ deep interest taken in these matters by myself, induces me to write ~~you~~ confidentially to you in hope of being instructed by you in a matter to which I have long recommended, from and have spent thousands of dollars trying to get into some kind of practical shape.

You have no doubt seen experiments with the water sheet, and may laugh at me for presenting such a thing to your notice, but believe me when I state, that so far as my experiments in that direction have gone they are entirely satisfactory. That I have attempted to apply to some thing to minutes and what is more simple. I have succeeded in one respect. I have a friend who is a natural telegraph, or is so constituted, that a water sheet will vibrate perfectly in his hands, and the number of vibrations made by the sheet will accurately give the depth of the water between the

purpose. I w[illegible] consider the working of this stick due to some unknown kind of electricity, excited by the passage of the water - and that the influence is felt and recognized by the man as soon as he intercepts it with the stick. I think the feel of it being due solely to electricity is proven by an experiment which we made - and that was to insulate him in a chair, in which case the stick will have no action whatever. So much for the water part of the theory. When applied to the location of depth of mineral - I find by using certain appliances - that the stick will work all right over mines where mineral is already, known - I - have tried over and over again - on places where neither of us had any knowledge of the depth or location of the vein of mineral - (which is local and you are here) and invariably it has been correct. But to locate a place that has never been opened on with hands, and then sink a shaft for it, which we have done in numerous instances - the mineral sought for is not there. Now what I want to ask you is Why should it act differently on undeveloped grounds? Do you not think there is really as large influence, arising from each kind of mineral - Needs no shaft just the same as from a subterranean stream of water? Could there not be a way of constructing an instrument that will act independent of the system to determine the location of such veins - ?

Can weighing be substituted for instinct for a water stick, and be made to work as naturally?

If such an instrument could be made - I am sure the rest would be easy.

I believe a man of your ability - could suggest something that would answer this purpose.

Why is it, that the water is always found as indicated - and not the mineral? Here Limestone, abounds to a great extent - through this section - and we have many an affinity for it after great many trials - and stick also I always correct. We did that to avoid sinking the limestone when sinking - it being valuable to sink on a vein in it. Do men see there the lime and water both to a certainty - and surely they must be a clue to other things as well.

If you - are disposed to give me your conclusions on this subject, I will write more in detail as to

J R Bancroft
Jan 27 78

experiment we have made. Though this letter is probably enough to open the subject to you anew - there are hundreds of items connected with this theory that I have studied and experimented upon, which might throw light upon any ideas you might examine in relation to the plan you wish to [illegible] adopt.

[illegible] generally [illegible] if you will favor us with your views on this matter [illegible] Something [illegible] more ideas than anything you have [illegible] expand to the ultimate [illegible] ideas - and I cannot see why they should [illegible]

Yours Respectfully
J R Bancroft
Prof S Joplin Jasper Co Mo

OFFICE OF THE "DAILY GUARDIAN,"

PATERSON, N. J., FEB.28TH '78.

PROF. THOMAS A. EDISON:

DEAR SIR:---PARDON THE PRESUMPTION OF A PERFECT STRANGER IN WRITING TO YOU IN THIS WAY. I AM DEEPLY INTERESTED IN REGARD TO YOUR DISCOVERIES AND INVENTIONS, AND WRITE TO ASCERTAIN IF THE ACCOUNT GIVEN IN THE NEW YORK "SUN" OF A RECENT DATE IS CORRECT, OR IF IT IS EMBELLISHED WITH THE AMUSING IMAGINATION OF THE REPORTER TO MAKE A VERY READABLE ARTICLE? MY ANCESTERS ALL HAIL FROM YOUR NEIGHBORHOOD---METUCHIN---AND THAT MAKES ME FEEL THAT YOU ARE SOMETHING OF A NEIGHBOR, SO TO SPEAK, SO THAT I HOPE YOU WILL NOT THINK IT "CHEEKY" ON MY PART. BUT I REALLY WISH YOU WOULD TELL ME IF THAT "SUN" ARTICLE IS ACCURATE?

I HAVE BEEN GREATLY INTERESTED IN THE INVENTION OF THE TELEPHONE AND HAVE EXAMINED BELL'S TILL I AM QUITE FAMILIAR WITH ITS PRINCIPLES, I THINK. EVER SINCE I FIRST HEARD OF IT I HAVE HAD AN IDEA OF MAKING A MACHINE FOR REPORTING VERBATIM SPEECHES AND PARLIAMENTARY DISCUSSIONS, HAVING IN THE MEANTIME NOT THE LEAST IDEA OF YOUR EFFORTS AND DISCOVERIES IN THAT DIRECTION. BUT IF THE "SUN" IS CORRECT IN ITS REPORT, MY IDEA, WHICH AT BEST IS ONLY THEORETICAL, (AS I HAVE NEVER TESTED IT,) IS ALL KNOCKED INTO A "COCKED HAT." AT THE SAME TIME IT MAY BE SOMEWHAT IN CONFLICT WITH SOME OF YOUR OWN PATENTS, AND SO I REFRAIN FROM DOING ANYTHING WITH IT TILL I FIRST HEAR FROM YOU. I ENCLOSE A RUDE SKETCH OF THE MACHINE WHICH I PROPOSED TO MAKE, WHICH WILL IN A CERTAIN MEASURE EXPLAIN ITSELF. IT IS BASED ALTOGETHER ON THE IDEA THAT EACH SOUND STRIKING ON A VIBRATORY DISK WILL ALWAYS ASSUME THE SAME FORM. ESSEN-

TIALLY THE OPERATION OF THE APPARATUS---IN THEORY---WILL BE THUS. I PROPOSED TO HAVE A SOUND COLLECTOR, ABOUT THE SIZE OF A WASH BASIN, WITH A VIBRATORY DISK OF THIN METAL ACROSS THE SMALL PART, LIKE A MAGNIFIED TELEPHONE. ATTACHED TO THIS DISK I PROPOSED TO HAVE A LIGHT PIECE OF METAL OR WOOD TERMINATING AT THE END WITH A PEN OR PENCIL LIKE THE SELF REGISTERING APPARATUS OF A RAIN GAUGE OR BAROMETER. THIS WAS TO MAKE A MARK ON A STRIP OF TELEGRAPHIC PAPER, WORKED ALONG BY WEIGHT OR CLOCK WORK, SO THAT WHEN ANY VIBRATION OF THE DISK OPERATED THE PENCIL OR PEN, IT WOULD MAKE A SERIES OF MARKS SOMETHING LIKE THAT OF A RAIN GAUGE, ETC. NOW THIS IS BASED ON THE THEORY THAT EVERY SOUND WILL PRODUCE A DIFFERENT VIBRATION AND THAT THIS VIBRATION WILL IN THIS WAY MAKE ALWAYS THE SAME SHAPED MARKS ON THE MOVING PAPER. IF THIS WERE SO IT WOULD BE PRACTICABLE TO WORK OUT A SYSTEM OF PHONETICS LIKE PHONOGRAPHY, WHICH COULD BE BUILT INTO WORDS IN THE SAME MANNER. THE MACHINE COULD BE PLACED IN FRONT OF THE SPEAKERS' DESK OR TABLE, AND THE MACHINE WOULD WOUND UP, AND WHEN HE WAS THROUGH, THE SPEECH COULD BE WRITTEN OUT FROM THIS AUTOMOTIC PHONOGRAPHY THE SAME AS MANUAL SHORT HAND. OF COURSE THIS IS ALL THO THEORY, AND WOULD NECESSITATE A GOOD DEAL OF TROUBLE IN ASCERTAINING THE PHONETIC ELEMENTS OF THE UNKNOWN SHORT-HAND, BUT IF THE THEORY IS CORRECT IT WOULD BE SOMETHING THAT <u>COULD</u> BE ACCOMPLISHED, I THINK. BUT YOUR INVENTION, IF THE ACCOUNT IN THE "SUN" IS CORRECT, "KNOCKS THE STUFFING" OUT OF THIS, AND WOULD RENDER IT USELESS. FURTHERMORE, I DON'T WANT TO DO ANYTHING TOWARDS SOLVING THE PROBLEM BY ACTUAL EXPERIMENT IF THERE IS ANYTHING ABOUT IT THAT WILL CONFLICT WITH ANY RIGHTS OR PATENTS THAT YOU MAY HOLD. PLEASE ADVISE ME IN RE-

GARD TO THIS, AND ALSO WHAT YOU THINK OF MY THEORETICAL IDEA. I WRITE THUS TO YOU IN PERFECT CONFIDENCE CONCERNING SOMETHING THAT I HAVE BEEN STUDYING FOR SOMETIME, AND WHICH I WOULD SOON HAVE TRIED PRACTICALLY, BUT FOR THE "SUN" ARTICLE. I HAD ABOUT COMMENCED THE CONSTRUCTION OF A MACHINE SUCH AS DESCRIBED, BUT HAVE DETERMINED NOT TO DO ANY THING MORE TILL I HEAR FROM YOU.

THE ENCLOSED SKETCH WILL GIVE SOMETHING OF AN IDEA OF WHAT I MEAN.

I ALSO ENCLOSE A LITTLE PIECE FROM AN EVENING PAPER OF THIS CITY, THE PRACTICAL TEST OF WHICH WILL BE MADE AS SOON AS COMPLETED. I EXPECT TO HAVE AN INVITATION TO THE EXMPERIMENTAL TEST, AND IF YOU WOULD LIKE TO BE PRESENT IN COGNITO, OR OTHERWISE, I WILL LET YOU KNOW WHEN IT COMES OFF.

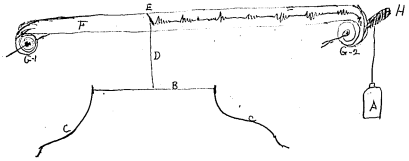
PLEASE ALSO STATE IF IT WOULD BE AGREEABLE TO YOU SOMETIME FOR ME TO COME TO SEE YOU AND YOUR INVENTIONS. I AM. NOT A MECHANIC, NOR AN ELECTRICAL EXPERT, BUT ONLY AN AMATEUR MUCH INTERESTED IN THESE DISCOVERIES. AND WHAT MAKES ME MORE INTERESTED IN THIS SUBJECT OF MECHANICAL REPORTING IS THE FACT THAT I HAVE STUDIED PHONOGRAPHY FOR NEARLY TEN YEARS, AND ALTHOUGH I GOT SO THAT I COULD WRITE AS FAST AS A MAN COUD SPEAK, YET NEVER A WORD COULD I READ AFTER I HAD WRITTEN, NOTWITHSTANDING OTHER WRITERS COULD TAKE MY NOTES AFTER WRITTEN AND READ THEM OFF LIKE SO MUCH PRINT.

I WOULD BE PLEASED TO HEAR FROM YOU, AND ANY LITTLE FAVOR THAT I COULD RENDER YOU THROUGH THE COLUMNS OF THE "GUARDIAN" I WOULD BE GLAD TO DO.

YOURS TRULY.

J. E. C R O W E L L,

LOCAL EDITOR, PATERSON GUARDIAN.



A – weight – or clockwork

B – vibrating disc.

C.C. – Sound collector

D. – metal or wood connection

E. pen or pencil

F. Strip of telegraphic paper

G-1 roll of do. before writing

G-2 " " " after "

H – bristles for weight ~~also~~ cord – or shaft for clock spring.

Please don't criticise drafting!

John Hecker
Mar 6-78
misc

Direct to Ogdensburgh
Sussex, County, New Jersey

Ogdensburgh March 6th 78
Mr T. A. Edison
Dear Sir:

Having (as it were) become well acquainted with you, through the medium of the Newspapers, I take the liberty to write you to ask if, to your knowledge, there has ever been any thing invented that can be connected with the Main-line of a telegraph, that will ring a bell in any Office on the line, and yet not interfere with telegraphing

If there has not been any thing of the kind invented I should say that I have got a Mechanical device that will accomplish that end, they can be connected to the Sounder in any Office, at a cost of One dollar, and if you think such an instrument would be of any practical utility I shall get it patented & try to introduce it. A L Brown of the Western Union Telegraph New York, said it would be impossible to use them on the Main line, as it would interfere with telegraphing, but I can assure you it does not,

Knowing that inventors as a class, take an interest in the welfare of those laboring in that field, I have thus ventured to ask an early reply to this communication for which I shall ever feel grateful, Yours respectfully

John Decker

P.S. I would ask that should I come to Menlo Park, at some (not distant) day; whether I could have access to your laboratory to see the Wonderful Phonograph & other instruments spoken of by the papers,

R. A. H. Blackburn
Mar 13. 1878
Ohio

Cincinnati March 13. 1878

Hon. R. Ellison Esq.
Cedar Lane N.Y.

My friend of
your in western Ohio are in
Cincinnati and it being
intended to send Secretary
a medium of printed
communication. I thought
I would write you to plan
for a new Cabinet called
from the Secretary home & Bureau
and see if you could in any
manner help it if you
use to give in representing the
Sands from your reading in
paper. When I get this up
my first was to get something
up from and simple that
could not be from the dissatisfied

and it to eliminate
Cadmus the ordinary
type & tools and paper.
Can that be done do you
think? what a saving
of time labor and material
it would make to do away
with the present cumbersome
Alphabet — and substitute a
simpler one — when every
simple character is an
arbitrary sound and when
words of all languages spell
themselves —
Man is simply phonographic
arranged purely for printing
& confined to lines — for the
horizontal characters substitute
the line of beauty or scroll —
do what we would we can
only trace simple characters
in different positions left
and here by & short
cut — Upright line \ Nt.
Curve ((O))
Scroll S S S S
H H
Our Alphabet — needs some
one to put it to rights —
What can the simpler
Jobbers of type setting the words
be quickly and handsomely written
in a line by a person who knows
nothing of shorthand to spell
quickly & phonetically to print from — I mean
that they can be drawn quickly
all capital in Roman character
can die light & that when
the plates are made or type —
if you can do away altogether
of the upper case here are
equal benefit will result of
the saving of independent of

[illegible] in
connection with the Lame
[illegible] can [illegible] it entirely
to your self –
As a stepper in order [illegible]
yourself [illegible] you [illegible]
the [illegible] to [illegible] and
see if there is any thing
[illegible] in it
[illegible] you may accomplish
a great wonder for the
benefit of humanity and
(the enclosed letter [illegible]
yourself in [illegible] attempt-
ing to improve it)
Yours – Please [illegible]
with [illegible] letter
N. H. Wheeler
[illegible]

[ENCLOSURE]

American PHONOTYPIC ALPHABET

(PLATE No. 1)

Consonants

Vowels. Diphthongs.

The sounds of these characters are,

p in pay	sh in she	be in see	oo in boot
b in boy	z in azure	i in it	oo in foot
t in tea	k in keep	a in pay	i in fir
d in do	g in go	e in ell	
ch in child	n in no	a in art	i in mine
j in joy	m in men	a in vast	oyin toy
f in fate	wh in when	a in all	ew in new
v in vase	ng in song	o in on	ow in now
th in thigh	r in ray	o in no	
th in thy	w in way	u in up	
s in see	l in lay	a in ware	
z in zeal	y in ye	a in at	

43 SOUNDS BY 43 TYPE.

The aspirate H is added to vowels by a dash; thus

he *hit* *hate* *hem* *harp* *hast* *hawk* *hot*

home *hut* *here* *hat* *hoop* *hood* *her*

hi *hoy* *hew* *how*

19 TYPE.

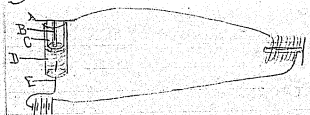
Entered, according to act of congress, in the year 1857, by Robt. H Blanding, in the Clerks office of the District Court of the United States for the District of Rhode Island.

Say to the man -
The plan you present will work
but it is not very practical
several inventors are fighting in
the patent office over the very
same device

Newark N.J. 3-25-78

Mr. Edison

Dear sir I hope you will pardon the liberty I, a stranger, take in addressing you but by way of apology I will state, I am a mechanic without means, and to make the following experiments would require money that should go towards the maintainance of my family, therefore I have determined to submit my plans to you, and ask your opinion (if I presume too much please carefully deposit this sheet in your wast basket) of the following; would a telephone or transmitter work if it was constructed as per drawing,



A - the vibrating plate
B - a platinum wire
C - a glass tube of such a diameter as to move easily in D
D - a glass tube with bore in proportion to bore of C as 100 to 1
E - platinum wire passing through the bottom of D
Now if the tube C and platinum wire B are attached to the vibrating plate A and the tube D be ~~partly~~ filled with a conducting fluid (Mercury would be preferable which is not affected by capillary attraction and consequentially will not

rise between C and D) to a height which would cause the tube B to displace an amount of said fluid equal to its weight, or in other words cause the tube B to float on the fluid, the platinum wire to come within a short distance ~~from~~ of the fluid which rises in B.
Now does it not follow that if the vibrating plate is caused to descend, the fluid will rise to a height in the tube B 100 times as far as B descends for instance if the tube B descends 100 of an inch will it not cause the fluid to rise in tube B one inch (the figures used are exaggerated for sake of illustration) thus making a lever, as it were, without friction and one in which

[illegible] May 7th 1878

[illegible] as the weight [illegible] spring as a metal [illegible] would. It will magnify [illegible] any motion of the vibrating plate [illegible] times thus affording ample means of making and breaking the connection by the slightest movement of said plate, while the greatest movements would not be intefered [illegible] the fluid would rise to any height in the tube B the platinum wire not filling the tube.

In this description I have omitted minor details, such as screws to regulate the hight of fluid &c &c would it be better to construct it as follows

A vessel [illegible] filled with Mercury, the vibrating plate A is secured air tight to over the large opening, the platinum wires B-1 and B-2 are fused into the small limb of the vessel any motion of the plate would cause the air between it and the mercury to be compressed which would use the mercury in

the small limb in proportion to the difference of the diameter. Now sir would you advise me a young man without a name, without influence, and with very limited means to proceed any further, as I have before stated my reason for consulting you is to save the expense of constructing a transmitter, which might be a failure when completed, and I cannot spare money for failures. I know from your superior knowledge and extended experience no man is more competant to advise. I have thought it might improve the Bell telephone to construct it after one

of the following patterns.

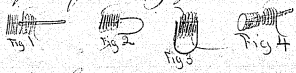


Fig 1 – Coil around magnet and a number of vibrating plates with space for sound to pass between them

Fig 2 – A number of vibrating plates surrounded by a helix on either both ends of a magnet touching

Fig 3 – Same Fig 2 pole of magnet at each end of helix

Fig 4 – Coil around magnet a number of plates perforated through which magnet passes the last of the series having no perforation & placed directly in front of magnet.

I have also plans for a magnetic electric moving, an electro motor

and an arrangement whereby sound may be magnified or increased to any extent, but I fear I have already exhausted your patience, and consumed more of your valuable time than is right. If you will favor me with a reply please address

Yours &c

Jerome H. Simpson
126 New York Ave
Newark
N. J.

LAW OFFICES OF
J. Alexander Lyman,
192 BROADWAY.

File: Miscellaneous

New York, Mch 29th 1878

T. A. Edison Esq

Dear Sir

Perhaps you may have read a year or two ago in the New York Sun an account of a man who ~~was~~ was struck by lightning. The paper stated that the electric fluid first struck a tree & then killed the man who was some twenty feet distant & that upon taking off his clothing an exact representation or photograph of the said tree was found upon his body

This suggests the idea that perhaps views of distant objects can be instantaneously obtained or conveyed by means of electricity. If this is possible it opens a new field for the employment of the electric fluid

I have given the subject some thought but have not the experimental means to carry out the idea. I therefore make this

LAW OFFICES OF

J. Alexander Thomson,

192 BROADWAY.

New York, 187

suggestion to you & enclose you a drawing of a machine which if it can be made a success I should call the Electric Camiscope

It would enable persons to obtain views of distant objects by means of an electric wire. Perhaps also by using mirrors a person seated in his office in New York could see what is going on in another City or perhaps in another Country.

This may all seem ridiculous to you but it ~~is~~ is not more so than the idea of your Phonograph (simple as it is) would have been considered before you had made the actual invention

Please let me know your opinion as to the possibility of such a thing

Yours Respy

James E. Browne

NATIONAL SCHOOL OF ELOCUTION & ORATORY
F. W. SHEPARD, A.M., PRINCIPAL
NO. 18 BOYLSTON PLACE, BOSTON, MASS.

March 30th, 1878.

Thos. A. Edison, Esq.,

Sir,

Upon what terms would you be willing to assist me in perfecting an invention for telegraphing in written fac simile? Sometime when you are in this city, I would like to talk with you upon the subject. I am a writer and teacher of phonography, and did considerable work for Colonel J. W. Forney. On one occasion, while at his office, I heard a gentleman mention an interesting conversation between you

Wrote Mr Edison in very busy mood but he planned and wrote out to take up personally

self and General Benj. F. Butler, with reference to an invention which the General would like to have made — the invention, if I mistake not, now being realized in the telephone. Prof. J. W. Shoemaker, the well-known Elocutionist and Teacher, dictates much of his correspondence, etc., to me, and I am usually at his Institution, 1418 Chestnut St., from about 11 or 12 A. M. to 5 or 7 P. M.

Yours resp'y,
J. W. Kalbaugh.

J. W. Kalbaugh
Mar 30 - 76

Basking Ridge, N. J.
Apr. 3rd. 78

Thomas A. Edison. Esq.
Dear Sir:

Having seen your address & read of your wonderful Inventions in the Scientific Press, I make bold to write you on a Question which I do not understand in regard to Electricity (while it may be a very foolish idea or not I thought best to ask you as you having been an inventor yourself know that sometimes seemingly foolish ideas often turn out to some account)

There are many People here who do not believe in your "Phonograph" for instance

They think that what they don't know ain't worth knowing, I suppose, but I believe it although I have never seen it work, but I know that the reliable Scientific Press of the day would not have it in if it was not reliable.)

My question is this —

Suppose a vessel with 2 or 3 (or as many as desired) large Cells say as large as a barrel as bogshed inside of it, with conducting wires large enough to convey the current from one end to the other and then to a cordon of wires which surround the ships side (a few feet distance) fastened by non-conductors to the shipside, would the current passed into this cordon of large wires have sufficient shock upon the surrounding water (say 2 or 5 ft from the wire) to cause a Torpedo to explode before it can touch the wires. That is what I want to know. I know that the Torpedo would be exploded by the Electric shock as soon as it came in contact with the Electric wires, but the Explosion of the Torpedo would blow away & damage the Electric wires considerably every time in this way, but if a sufficiently large number of Cells can be placed in a War Vessel to transmit a strong enough current so that a Torpedo will be exploded in the water a few feet from the wires, why then here is a good Torpedo Guard for the Government worth considerable in fact all that could be got for it. There

been studying on Torpedo Guards for near 6 Months and I have had several models &c. but there is only one plan that will work successfully and that is to have something that will Explode the Torpedo before it can touch the Guard, when that is once accomplished why then another fact is ~~[illegible]~~ done, I can easily make Torpedo Guards &c. but as soon as a Torpedo strikes the guard it explodes & makes a hole in it, But if this Electric Guard can be made to work why it is "Ne Plus Ultra" you see that easily enough. Please let me know what you think of it, and you will receive my

(47)

best thanks, I am a young man and am crowded with the business of life, I have not the means to carry out any of these things unless there is positive evidence that it will turn to some account, for a poor man might have the best ideas of such things in the World and it would never amount to anything unless they get them in working order, and then for some one to make the Invention popular, Just in this Electro-Torpedo-Guard if it worked successfully the Government would take hold of it without any expense to the Inventor, If the thing is

Frank Sheppard Wrigs
Apr 7. 78

no good, why try to invent something that will work on that principle that I have described, for I know that the Government would give large sums to have such an invention.

Very Respectfully
Your obdt. Servant
Frank Sheppard
Basking Ridge
N. J.

file
Emucello

E. E. Bradley

Stonington April 9th 1878.

Mr. Thomas Edison, Esq.

Dear Sir.

I have recently read a sketch of your life published in the New York Sun, in which mention is made of an Eolian harp, made of fine wire, by you, when in the Boston Office; Will you kindly write me the kind of wire used and how arranged, if same can be attached to an ordinary relay, and in what manner.

By doing this you

C E Bradley
Apr 9. 78

will confer a very
great favor.
Enclosed stamp for
answer.

Yours Truly
E. E. Bradley

E. E. Bradley
Agent N.Y. P. & B. R. R.
Stonington Conn.

File
Miscellaneous

April 30/78

Prof. T. A. Edison

Dear Sir

Thanks for your favor of 29th. Will you kindly advise me if there can be constructed any simple and inexpensive instrument by which a beginner could learn Telegraphy. I know of nothing now excepting the instrument I enclose which requires the aid of a master. Now my dear sir I feel confident that you can devise what is necessary and I know that something of the kind will command a ready sale.

I am not engaged in any business at present, so I can devote my whole time to the manufacture and sale of the Instrument. I can furnish you satisfactory References and would like an interview at your leisure should you feel that any good could be derived from it. Wasmans Sounder is now selling by the thousand, but it appears to me that no one could learn Telegraphy with it. I know that you can devise something and will be only too happy to give you such an interest in the profits as you deem just. I will furnish all money to manufacture and advertise. Please think over the matter and answer.

Yrs Very Resp'y J. C. Hallinan

Richmond Ray Co. Mo.
May 15. 1878

Mr. Thos Edison

Dear Sir:

Please excuse my writing, but I want to call your attention to a subject that I have had on my mind for several years. It is well known that there is a tremendous power in electricity, which if it could only be controlled and applied as a motor, would entirely supersede steam, and even beat the famous "Keely Motor" among the things that were. I wrote a word no louder than my part than to be the man that should first say to this power "there art - my slave" but that cannot be, every thing that is worth trying in an investigation of this kind is just

what I haven't got at my disposal. with you it is different, you have means, apparatus, every thing, and I have a presentiment that you will be the man that will discover how to develop and control this terrible power, a power that can shatter the strongest rock, that can level mountains asunder, that can make the very foundations of the earth tremble, can it not be controlled and made to do the work of many? Can it not be applied to the moving of machinery steamboats, locomotives, engines, of every description? I say yes! and the time is not far distant when it will be done, many has accomplished as great things. If you have not already given this thing a thought why not turn your attention to it? it is possible, probable, and why not you, who have discovered so many of the heretofore hidden wonders of this element, also be the one to discover this the most important of all, I have faith in you, and believe if you will only turn your attention to it it will be done.

Yours Truly
N. E. Stoddard

The Troy Northern Budget.

Troy, N. Y., May 8th 1878

Prof. Edison, Sir.

It has occurred to me that you might utilize the "back-stroke" of the diaphragm in the phono by having a second cylinder working in unison with the present one by means of cogs — after the style of the ringing machine. Then a needle on the opposite side of the diaphragm from the present one would, with the "back stroke", indent foil No 2 affixed to cylinder No 2 — seemingly to me with the result to improve the voice of the phonograph. As an old telegrapher, you, of course, catch my meaning of "back stroke."

Very possibly this idea has occurred to you & been tested. At all events I tender the idea freely & with my best wishes — so there's no harm done. My friend Mr. W. T. Perkins of the New York Graphic informs me that you make a small experimental photograph for $30 & that Mr. Bonfil of that office has one. I would be pleased to receive one COD $30.

I think that, since the death of W. C. Bucklin in this city last winter, I am the oldest telegraphic matt of New York & know of none ~~other~~ there who outrank me in telegraphic life. For several years past I have been engaged as city & amusement editor on this 8 year old paper though I take a great interest in matters telegraphic & frequently look in on the boys & take a trick of a few hours for "auld lang syne". I should be delighted to call upon you. Respy

R. W. Oscar Carpenter
Sunday, Budget Office

Galesville Wis. March 3, 1878.

Prof. Thomas A. Edison,

Menlo Pk. N. J. New Jersey.

Sir:-

I have invented a device, auxilliary to the Telephone, for use as a bell; the patent for which is now allowed.

My object in writing is to ask if you would be willing to examine the construction and working of the arrangement, if I should call on you within a few weeks;- and also tell me your opinion as to its value.

It is a very simple device, inserted in the telephone; and by its use, it is only necessary to shout loudly, to hear the sound - not audible anywhere in a large room.

I believe that a combination of this with your wonderful Phonograph may

be made to sounds the sounds, and perhaps the words at the other end of the line.

Awaiting your pleasure for reply I am

Very respectfully,
Samuel E. Brooks.

Samuel E. Brooks
Mar. 1, '78

Columbus Ohio May 14th 76

T. A. Edison
Menlo Park N.J.

Dear Sir;

Enclosed I send you a specimen printed by Electricity. I have been working upon an apparatus for some time, shown in "print No 1" :- the bottom is an iron bed, with a smooth surface, upon which I transfer an autographic or other form, leaving the lines to be printed a metallic face while the remaining portion of the surface is non conducting; this plate is connected with one of the poles of the battery and the iron roller with the other, the Animal paper is laid on the plate, the roller passed over it, the current decomposing only from the metallic form; but I have encountered difficulties, that, in my financial condition I can not afford to continue experiment to overcome them and, with the above preliminary, I desire to offer you a one half interest

in the invention if you will aid me in perfecting it in detail.

My greatest difficulty seems to be to secure a chemical ink is sensitive and permanent; the enclosed is permanent but required ten cells.

If you are not too busy with your own, and marvelous inventions, I should be glad to form some alliance with you.

Awaiting your early reply I am

Yours very truly

[illegible]

34 Spruce St.

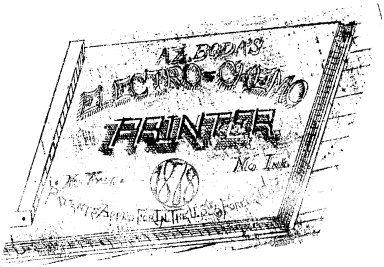
Columbus O May 10 78

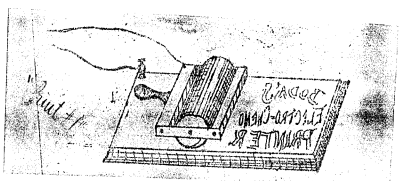
Prof W

Electrical Operator

P.S. Not enclosed print are from my applications.

[illegible]


A. L. BODAS'
ELECTRO-CHEMO
PRINTER
No. Ink
Patented Feb. 14, 1911 U.S.A. & Foreign


PRINTER
ELECTRO-CHEMO
BODAS'

Stoningtn Mag. 19th 1877

Mr. Thos Edison

Dear Sir

Would you be kind enough to tell me how to fix a fine wire (like the hair spring to a watch) to one ordinary reed in order to make an Eolian Harp.

I can give an account in a short sketch of your life, of your doing such & things while in the Boston office.

Could you kindly tell me, the size of wire

(over)

E. E. Bradley
May 14

[illegible] in what manner [illegible] and cause a great injury.

Yours Respectfully
E. E. Bradley

E. E. Bradley
Agent N.H. & P.V.R.R.R.
Torrington
Conn.

Boston May 15th 1879

Mr Thomas A Edison

Dear Sir

I have a Cancelling Machine for post Marking Postal Cards as per sample enclosed, I have succeeded in getting them adopted by the P.O. Department. These Machines will post mark and cancel 1500, per hour I learn that you are constructing an Electric Motor for running sewing machines, the Postal Machine will require about the same power to do its work, while they are run with foot or hand such a motor would be acceptable and I think purchased by the Govt I should be pleased to hear from you concerning it, I have built a variety of such machines for Mssrs Singer therefore am acquainted somewhat with

that class of work, would like to build such machine if you see it for your interest to take any notice of this. I expect to be in Washington during next week

Yours Respectfully

Thomas Leavitt

No 8 Bowne St

Menlo Pk 1878

Thos A. Edison

Many years ago I believe it was about the time of the Paris Exhibition of 1867. I made series of experiments with the object of conveying light (through the medium of a sensitized wire) into deep mines — the means I employed for gathering the sun's rays was similar to that which Mr. Ericsson employs in his solar engine (See Lippincott's American Supplement of about 8 or nine months ago). After spending an amount of time and money on the matter, I only very partially succeeded. Then relinquishing further experiments because I feared to see that it would ever be of any value. Since the invention of your speaking phonograph a new idea has struck me, Cannot

the light of day

this light, be accumulated into some metal or chemical or machine, as your phonograph accumulates ~~speech~~ a speech, and give it out again at night when needed. If that could be done the idea would be of great value. ~~this~~ that would be a bottling up of light. I certainly do think that the thing is not altogether chimerical and therefore have forwarded ~~you the~~ suggestion. as I cannot afford time ~~to~~ present to further experiment thereon, being deeply immersed in business.

with best wishes for your welfare in the advancement of science.

I beg to remain
Yours truly
J. E. Richter
Invercargill
New Zealand.

White Sulphur Springs
May 17. 1878.

Mr Edison

Dear Sir, I start for Lynn my home on the East next Monday intending to stop at the Windsor House in New York one or two days, and desire to have an interview of fifteen or twenty minutes with you.

I have made an invention that I feel confident will much increase the capacity of your ~~ap~~ telegraphic apparatus that was exhibited at the Centennial.

I do not seek this interview for the purpose of making a trade and wish to say in advance that if my invention meets your favorable consideration, you can have it upon your own terms. Will you be so kind

as do drop a line to my address
at Windsor House informing me
when rather I can meet you

Yours truly
John P. Woodbury

Washington DC May 18 1878

Mr Edison:

I send you the "inclosed memorandum of an observation which I made a few days ago. It strikes me that this peculiar action may be of use when a quick ample motion should be restrained and a slow short one encouraged. Probably a quick ample one would be damped and a quick short one made equal to a slow ample one. It is all, however, in an undefined state in my mind. If it is worth anything to you I shall be glad and if not no harm will be done.

Yours respectfully

M. L. Baxter MD

125 "E" st N.W.

[ON BACK OF PRECEDING PAGE]

File
Experiments to
May 18. 1878
be tried

A very stiff paste of sulpho-carbolate of mercury (oz ½); water (q.s.) and thick mucilage (drops 10) acts curiously. If mixed up wet the superabundance of moisture may be removed with blotting paper. Mix with a wooden paddle and have it thick enough for the paddle to break it in two when thrust in.

Now take a quantity in the fingers and form it into a ball (Pharaoh's serpent) On trying forcibly to mould it it becomes dry and friable. Hold it still for a moment giving it a tremulous motion and it becomes semi-liquid. This may be repeated. Now endeavor to extend it, that is to pull it out. Any ordinary movement to accomplish this will result in resistance and dryness; but if the motion be very slow and tremulous it can be extended and will appear to be semi-liquid – ready to drop (as a liquid).

M. L. Baxter M.D.
Washington D.C.
May 18 1878.

(125 E. 26th N.Y.)

Brooklyn. Aug 31st 78

Mr Edison.

Dear Sir

I should feel greatly honored if you would give me your opinion, as a scientific man and inventor, of my new "safety attachment for Elevated Rail Roads" of which I send you Photographs.

It is designed to prevent the possibility of any disastrous consequences attending the breakage of the wheels or axles of the car, an accident to which all rail roads are peculiarly liable, & one which happening to the car of an Elevated road, cannot fail to result very serious, from the very fact of its elevation.

Trusting that you will kindly give me your opinion as to the merits of the invention

I am very Resp

C H Brown

Fulton & Portland Ave.

Olivr Allen, Pres't.
D. D. S. Brown, Vice Pres't.

Jas. E. Chiles, Chief Eng. & Sup't.

Donald McNaughton, Sec'y & Treas.
Edward Harris, Attorney.

OFFICE OF

The Rochester and State Line Railway Co.,

118 REYNOLDS' ARCADE,

Rochester, N.Y., June 6th 1878

T. A. Edison Esq

Dear Sir

Yours of the third rec'd. I am sorry to trouble you again, but I have examined the Journal of the Telegraph of Apr 15th '78, and do not find the article you refer me to. It contains an article, "Edison's Carbon Telephone" (not relay), but no mention of the application I spoke of. Let me state here that I am not a "would be inventor", as I believe inventors are born, not made; however, the thought occurred to me, and being in doubt as to its practicability, I made the inquiry of you. The fact that I am not the originator of the idea does not lessen my interest in the subject, and you will greatly oblige me, by informing me where I can find full account of the application.

Yours Respectfully

C. W. Grant

Address C. W. Grant C.E.
Yonkers
N.Y.

/

rec'd June 17 78

Stonewall June 5th 1878
Chickasaw Nation

Mr Thomas A Edison
I have been reading agreadeal about you in the Sun, I see you are quite a Genius and a smart Man, I would like for you to work up soome thing for me, and I will gee you all the Money you want. I have been trying to make an Instrument which will locate Minerals and Money and Bars of Silver, the Money and Silver have been Buried by Indians and Spanish Miners the parties that Burns this are dead and the relatives cant find it I have been told of at least one hundred of such depossets the suppose to contain from five hundred to one Million dollars worth of Gold and Silver. Mineral I have been told of plentz of different kinds and seen specements but I am to poore to have any thing to do with that; unless I had an Instrument to locate and find one of those Depossets, as a general thing most all the Indians burry there Money there have been some very Wealthy Indians died in this Country and there Money has never been found and the dont Burry very far from where the live, I have been making quite a number of tricks to try to draw the attraction of the metal, but should the line I fought I could make one, I get Bufuzzed by heavy lifting

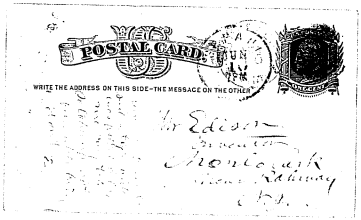
and have not been able to do any thing for two years and a half now I have not got any money to pay assets and metals to practise with I was going to put together ~~[illegible]~~ of the strongest assets and pure Gold silver & Platina moving over the notice I want all each vessel disolve one of those metals and then put them together and let the ball hang again pure copper wire I seen a Spaniard have one which worked very well I think was made of Copper in some strings strings of metals it had different metals hung by a wire I heard of another one in Prussia belonging to some of those ~~on the~~ States on the Rhine where the are doing a great deal of mining it is made like a Surveyors Compass & large figures in the middle would point to the metal and tell the length of it and a lot of small figures around the big one would tell what percent of different kinds of metal this ~~had~~ possessed money I know of plenty of Lepossesses now if you can make me any thing which will operate I will give you one half of what I find. let this be privat between me and you let me hear from you soon

I Remain your friend

Conrad Zechbar

FRANS HERMAN WIDSTRAND,
Editor of THE TRUTH TELLER,
Lake Cowenance, Buffalo Post Office,
Wright County, Minnesota.

Setting type takes much time. I proposed some time ago to use the typewriter and photo possibly to obtain more with that. Since reading a few years ago Victor Hugo's thought that by having many space points on the type used in the typewriter your typesetting process might do the [illegible]


POSTAL CARD
WRITE THE ADDRESS ON THIS SIDE—THE MESSAGE ON THE OTHER
Mr Edison
Menlo Park
near Railway
N.J.

New York - June 10/78

Mr Thos. Edison

Dr. Sir —

I would ask you if the practability of applying electricity as a medium to ascertain the depth of water.

For instance the sounding in the holes of vessels and apparatus that would be invention to the aforesaid or recording of any tide (be the depth of the water what can it may), & practically demonstrating the same to an observer —?

Yours truly

W. B. Ruter

No 3 Nelson Place

New York City

Lynn Mass June 10. 1878

Thomas A. Edison Esq.

Dear Sir. Your favor of May 21. was duly received at Meridian Hotel N.Y. and I spend the larger part of two days in trying to get an interview with you. Called at No 20 Nassau St several times & was on the point of starting for Menlo Park when I was informed you were entertaining a delegation from Boston & it was impossible for me to see you. As my wife is an invalid and anxious to return I was obliged to continue my journey homeward. I should like very much to lay before you my invention, and will send you rough sketch of

it by mail if you desire
although I could give you a
much better idea in fifteen
minutes talk than it is possible
for me to do by writing.

As I wrote before if you con-
sider it or any part of it
worth your attention it is
yours on your own terms as
I have perfect confidence
in your sense of equity & justice

Yours truly
John P. Woodbury
Northeastern
Lynn
Mass.

P.S. Is it probable you will
be in Boston within a few
months?

J P W

St. Nicholas

JOHN BROOKS LEAVITT,
COUNSELLOR-AT-LAW,
220 BROADWAY,
NEW-YORK.
Rooms No. 22.

Entrance in Elevator
No. 1 Park Place.

June 10th 1878

Prof. Edison
Menlo Park
N. J.

Dear Sir

Can you not utilize some of your valuable inventions for the benefit of litigants. In this way. By combining the telephone, the phonograph, and microphone, the type writer and stereo lightning press, could you not produce this result. That a witness' testimony be taken down as he gives it, transmitted through the necessary processes until it comes out all ready printed in clear type, by the time the cross-examining lawyer gets on his legs. In this day of rapid transit, even stenography has become too slow, besides being frightfully expensive. In all great trials, the testimony of one day is reproduced in court next morning, it is true, but that only in writing, and at the expense of several keyhole writers, working all night,

headaches, wack & brain &c. & now this result could be obtained by an instantaneous, automatic, combination, duplicating machine —— If the wings, or rather the utterances from our mouth, the recording stenographer, the longhand writer out, and the typewriter and the lightning process could be amalgamated, you would be a marvelous creation. We can come from the legal profession, and from Ethiopia, ~~and Macedonia~~ (as it did) from Macedonia of old, "Come out and help us."

Do not consider this letter a piece of impertinence. It is intended in no such spirit. Your inventions are so marvellous, so rapid, so philanthropic, that you will pardon an amazed outsider if he considers you can do anything. You are taking us nearer to the infinite day by day. You are annihilating time, space, sound, and reproducing them instantaneously. And such an invention as I think it would be a grand stride in our march towards the infinite. The instrument could be placed in every court-house in the land, would lessen the expense of trials and hasten their speed. And

JOHN BROOKS LEAVITT,
COUNSELLOR-AT-LAW,
220 BROADWAY,
NEW-YORK,
Room No. 20.

Entrance to Elevator
No. 1 Park Place.

per consequence engender more legal business than even the late repeal of the Bankrupt law. It would indeed make an infinity of litigation.

Imagine such a machine reproducing instantaneously in beautifully clear type the words of a perjured witness. He would turn pale with fear, acknowledge his perjury, and tell the truth. Thus you would prevent the greatest obstacle to justice, perjured testimony. The possibilities are immense; they rise up and confront one with grand thoughts. Law business has become so bad lately (~~that~~ so bad, when in truth) ~~some~~ 100 members of the profession ~~must do~~ they would like something to stir it up. The repeal of the Bankrupt law is a step in that direction. But if you can give us such a machine as I have mentioned you will be a benefactor to our profession, and out of the increased business, we can well afford to put your statue

My June 10 78
John Brooks Leavitt
on Combining Phone, Telephone
Type writer & Hero Press

Ans 9 June 11 78

Mr. John Brooks Leavitt
Eastman Kodak Co.
Rochester, New York

Ans.d June 14 78

Fav. letter.

Newton. June 12 1878

Professor T. A. Edison.

Dear Sir.

I beg of you a favor, which if granted will be the means of securing my future happiness.

I am a young man of 24 full of ambition, hope, with determination to succeed in life but, dear Professor I am acquainted with a young girl a pure noble minded girl of the first water, I wish to possess her, I have a deep and true love for her, but I dare not approach the subject because I wish first to provide a comfortable home to show that I am able to make a good girl comfortable through life.

Mr. Edison for a long time I have tried to invent something by which

I can get the means to earn my object. I have tried to invent a new car coupling for freight but no success as yet. I think it will be a blessing if some safe, simple and self coupling were used instead of the old way where so many poor fellows lives are lost every year.

Great Inventor of the age will you have the kindness to ~~impart~~ lend some suggestions to me in regards to the coupling or any thing that you will have the kind is and to do?

I beg of you in all earnestness to give me some encouragement to gain my heart's desire, it is the only way that I see to gain her and dear Professor, I thank you with an, whole soul if you can help me in my purpose.

Respectfully yours.
William T. Leslie.
Newton
Mass.

[COPY FOLLOWS]

Mr Thos Edison HAKODATE. Japan

New York. 13 June 1878

Dear Sir:

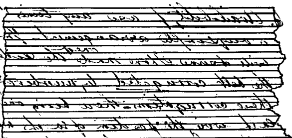
I have been referred to you by the John A. Roebling [illegible] as likely to take interest in [illegible] proposal [illegible] the present system of telegraphic communication by the ordinary wires now in use.

In place of the extremely cumbersome [illegible] of heavy galvanized iron wires, [illegible] the most part [illegible], requiring a costly system of insulating [illegible] [illegible] belt [illegible] [illegible] from 1/4 to 1/2 inch. My proposal is to insert within belt a series of

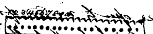
[1]

2

fine copper wires as in the following sketch [illegible] the belt [illegible]



[illegible] I am not satisfied [illegible] the smallest wires [illegible] used [illegible] 20 wires. The section of the belt would be thus:



20 fine wires [illegible] combined form [illegible] including the belt [illegible] strong enough [illegible] communication for all general purposes. The advantages of it, among others are, in order,

[2]

[COPY FOLLOWS]

[COPY FOLLOWS]

would answer better than gutta-
percha — which would probably be
affected now by weather —

I am confident myself that
a complete revolution in telegraphic
communication may be effected
by my system — & am surprised
that some thing of the kind has not
been done before. In Japan,
the capital of this country, the telegraph
Department, under foreign control —
has set up a clumsy array of
some 20 to 30 heavy iron wires
with large wooden posts for
mounts for an elephant Road — &
which is my humble opinion is
behind the age & the sooner it is
altered the better. Hoping to hear
from you in reply, believe me, dear
Sir, Yours truly,

Chas. Riddle

Hakodate — J.P.O.

[6]

2nd

I have no difficulty in manu-
facturing the belt, the
difficulty is that I can only
make it in short lengths
but I have invented a machine
which will do this
perfectly — I think of
making Orders for
the length to be
the exact length required on,
the number of pounds of cotton,
& the size of the machine &
the complete belt, and I have
the machine ready & I
[illegible] the length
[illegible] I
[illegible] & I
[illegible] perfect form & [illegible]
having the requisite corrugations
at once & soon turn out
the finished belt. I probably
hardened rubber vulcanized —

[5]

[COPY FOLLOWS]

[COPY]

Hakodate Japan 13 June 1878

Mr Thos Edison

Dear Sir I have been referred to you by the John A Roebling Co as likely to take interest in a proposal I offered them for the reconstruction of the present system of telegraphic communication by the ordinary wires now in use

In place of the extremely cumbersome plan now in use of using heavy galvanized iron wire spool for the most part throughout and requiring a costly system of insulating I propose to adopt a flat belt of either gutta percha or hardened rubber of breadth from one to 6 inches by a thickness of from 1/4 to 1/2 inch. My idea is to insert within the belt a series of

Hakodate Japan
13 June 1878
Chas Riddle C.E.

Suggestions as to combining copper wires in belt form for telg purposes

[COPY]

fine copper wires as in the (2) following sketch, say for instance the belt is 2 inches, aside & 1/4 inch thick, I am not confident as yet as to the smallest wire that can be used but in my sketch I have put 20 wires the section of the belt would be thus

20 of fine wires wire of small gauge wound in a combined form including the belt make a strong enough communication for all general purposes. The advantages of it, among others and in order

, 1st Combination of a large number of wires in a small compass, for instance if for Telephonic & phonographic work it becomes necessary to introduce a great many single and separate wires my system provides for any number by the use of belts and by using a double belt thus

2d Perfect insulation and No Earthenware or other insulators being necessary.

3d Lightness. As compared with the heavy galvanized iron wires now in use & requiring heavy posts and gear

4th Adaptability. One belt containing say 10, 20, 40 50 or 100 wires or more is set up at one operation and takes no more time & less trouble than a single wire now.

5 Minimum of cost. If one belt with a given number of wires as compared with the same No of iron wires. Availability for use any time by

[COPY]

3

A very simple arrangement you will observe I have made one of the sides of the belt corrugated. By numbering of these corrugations there bring one to each wire the position of each wire is known by its number and it would not require very intricate mechanism to cut a longitudinal slit over any particular wire and connect it with any instrument. The idea is new and of course open to modifications but it is evident that the time has arrived for some other system than the clumsy machinery now in use over the world and as telephones and private wires come into use it will be necessary to make some provision for easy communication

[COPY]

(4)

I do not see any difficulty in manufacturing the belt whatever. I cannot say what plan may be adopted hereafter; but I would construct them as follows for a belt with one series of wires I should use 2 strips of gutta percha. There is no limit to the length and size of these strips. The width of belt being decided on, and the number of wires it is to contain 2 strips each half the thickness of the complete belt are provided and the wires led through templets into and between the strips. The gutta percha would of course be softened and cemented in the process sufficient to insure a perfect join and one roller having the requisite corrugations cut on it would soon turn out the finished belt. Probably hardened rubber vulcanized would answer better than gutta percha, which would probably be affected more by the weather. I am confident myself that a complete revolution in telegraphic communication may be effected by my system and am surprised that something of the kind has not been done ere this. In Tokio the capital of this country the telegraph dept under foreign control has set up a clumsy array of some 20 or 30 heavy iron wires with large wooden posts big enough for an Elephant Road which in my humble opinion is behind the age and the sooner it is altered the better. Trusting to hear from you in reply believe me dear Sir Yours Truly Chas Riddle C.E. Hakodate

P.S. A circular arrangement of wires would not answer, at least it would not be so convenient as the flat belt. The wires would not be identified so readily in a Cable, as they could be in my arrangement. You may perhaps be in a better position to forward the production of this belting than I am here without I left this country purposely which I do not want to do. I want the Rodding to because they are a large wire may form but the they agreed as to the feasibility of the invention it was out of their line C.R.

New York, June 18th 78.

Mr Edison:

Dear Sir:-

I have a Magnetic Electrical Power, which I have worked out after many years of toil, and which I think will supersede the Steam Engine; I have not as yet shown models or drawings to anyone except Mr Peter Cooper, Professor Plympton and Professor Buchanan, persons of whom sufficiently understand magnets to call for an explanation.

I have been advised to see you in regard to the inventors, and, knowing your World-wide fame as an inventor and electrician, and your honorable reputation, I select you, above all others, to aid me in bringing this into the world, yourself holding an interest with me in the same.

I would respectfully request a brief private interview with you at your residence, myself appointing the time; knowing your time to be valuable, I feel confident I can demonstrate to you the importance and feasibility of my invention in brief.

Some very eminent men to whom I show this invention, and, as I said before, select you, as, while I was in the employ of Trickey, when I was for 11½ years constructing Engines in the Arsenal and Martin Machinist in the Imperial Mint, I brought out several important inventions, (some of which was for coining machinery) for which I have only received decorations from the Bulletin, as the Arsenal does not admit of the Government giving Letters Patent for inventions, and, from which the Government may, at some future time, reap the benefits.

I am now on a leave of absence granted me by the Government, to settle the estate of my deceased father; but, the

present state of Turkey, together with a desire to spend the rest of my life in my native country, and, also to enjoy the education and, advantages I am to remain here.

Hoping I have not intruded on your valuable time, I am, Sir,

Your Obedient Servant,
Warren Nickolson,
care of
Richard H. Lockwood,
Chief Engineer,
American Bible Society,
Bible House,
Astor Place
N.Y. City.

Oil Well Supply Company, Limited,

St Joe Pa., June 18th 1878

Prof Edison

Dear Sir

I see it stated you have discovered a composition of some metalic substance that has great expansion qualities. I have been working on a piece of machinery for some time. but have been obliged to abandon it for the want of some metalick substance that would hold the desired expansion and contraction qualities. I wish to get a bar or rod ½ in square. and three feet long or less in length if I could get it. that would expand one inch from 100 degs. Natural heat to 220 degs applied heat. and contract back again as the heat was diminished to 100 degs. (I mean in length. one inch.) I wish some thing cheap. and of a timber substance would answer.

and Gone 27/78

I wish to use it as a motive power in my machine. have you observed any thing that would suit my purposes. or what substances could I get that would come the nearest to what I want. if you can give me the desired information without interfering with your own business. please do so. and if not drop this in your waste box not and excuse me for attempting to trespass on your valuable time. for I am neither a scientific man or a learned man.

Yours Respectfully

S. A. Fleming

St. Jae

Butler Co

Penna

H. G. WELLS, President. MOSES KINGSLEY, Secretary.

THE CITIZENS' MUTUAL FIRE INSURANCE COMPANY

Of Kalamazoo County. | Office in the Court House.

Insures Detached Residences, Outbuildings and their Contents against Fire and Lightning.

Kalamazoo, Mich., June 26th 1878.

Thomas A. Edison Esq.

Dear Sir

Your reply of the 17th. in regard to the "Megaphone" says "The only drawback as yet is the size of the apparatus." Permit a single suggestion. An ingenious friend, whose hearing is much more imperfect than the writer's, is studying on a simple, compact instrument embracing the bell shaped opening, for gathering the sound, terminating near the ear by the small tube, in the centre of which is a magnetic wire reaching into the ear as far as convenience and safety will admit. This apparatus placed in front of the seat, will not be very inconvenient. If the value of the terminal wire, your own scientific knowledge will readily place an estimate.

Yours truly

Moses Kingsley,

HENRY LEFFMANN, M. D.
ANALYTICAL CHEMIST,
Analyses of Ores, Minerals, Water, and Coal,
Heating Power of Fuel.

LABORATORY—No. 1835 Franklin street.

Philadelphia, June 22 1878.

Mr Edison

Dear Sir

I venture to suggest to you several notions that have occurred to me in regard to the Telephone and Phonograph which may be worth trial. I scarcely have the opportunity, nor I fear the skill to give a proper attention to the matter, while I am unwilling it should go entirely neglected. The recent work in this field by yourself and others, has I think established the fact the elasticity rather than flexibility is the important point in receiving and transmitting sound waves. Now it occurs to me that we ought to use the most elastic materials. Among these we find Glass, Ivory and steel. Could you not try thin sheets of these materials as diaphragms. I am aware that Glass and Ivory would not answer alone with the telephone since they are not capable of exciting electrical disturbance but they might be used with the Phonograph. Has further been you ever experimented with Nickel as a telephone metal. It is capable of receiving magnetism and it would be curious to construct a telephone without Iron or steel. Perhaps you

may think these suggestions ridiculous but I thought it would do no harm to throw them out to you, since from all I read about you I understand you have the means of trying them without much trouble.

Very truly yours
Henry Leffmann M.D.
517 Wood St.
Philad.a

Elk Falls June 23

Mr Edison Sir, that I have been greatly interested in your invention of the Telephone Microphone &c, but poorly discribes my feelings, for several years I have been thoroughly convinced that there was a talent power awaiting the call of some one on entirely new departure from the beaten track, and when I first saw the accounts of your wonderfull invention, I thing "Truly there is the man" and I watched with eagerness each step; but not yet have you reached the summit

Do not you feel that if you can make a discovery, that as years advance, but add new praise and Honor to your name would it not be dearer to your heart than wealth, I can heartily rejoice at your success so far, but I would like to make some suggestions to you in quite another direction, I have tried some experiments, but being only a

women and not one dollar to spare,
I can make but poor progress, and if I
say a word of what I think or feel, my friends
think me as wild as Edison and his Aeroplane
And so at last I thought I may not go to you
with it. Now to tell the truth although I am
interested in you, like the world I am thinking
of self and those far dearer to me than my
self, And as I think if you will take my
suggestions and work on them, there is Money
as well as Fame, to be made out of it, I
want you to promise to pay me reasonably
for the Aid that I give you. And if I tell
you that my husband is now out working by
the day for the support of a family of
eight besides himself, because he can not
get work here, don't I know what money
would be worth, if we could be a united
family again, now I do not wish you
to pay me for any of my ideas, but
if you will take them and test the thoughts
and if they prove of value, do as you
would be done by, if you were in my

plan. is all I wanted ask. if you think favorably of this please write me and I will write, as plainly as I can my convictions (for that is the way I feel about it, hoping to hear from you I am

yours with wishes,

Mary A. Allen

Elk Falls, Elk Co.

Kan,

Elk Falls Kan
June 27. 78
Mary Allen

Mrs Lydia Brown

ans. June 27 78

Monmouth Warren Co. Illinois
June 25th

Mr Edison

Sir. I do not wish to have an interest upon your time but I affirm that we are fellow workers in the same field – trying to destroy the monstrous error Gravitation – Attraction is Force

The papers say you are trying to dispose "scientifically experimentally & by the logic of facts."

I have been at work for years and have sent articles after articles to the Scientific (?) publications only to have them rejected. Last summer the Author's Publishing Co.

offered
a fee of $1200 for the best
Manuscript on any scientific
subject. I worked night and day
to write and revise my manuscripts
and sent them on hoping at first
to have them read. They were read,
but did not receive the prize because
of their unfeasible subject. But they
said they would print it for me if I
would pay all the expenses. I accepted
this to do that. They kindly passed
my Manuscript and sent it back
with a letter to many publishers asking them
if they would read my Manuscript
entitled — "A Theory of Gravitation" but they
and they all knew but little about it
even examine a work upon such a
subject by a young man. Yes, there is
only one exception I mean Cincinnati Co.
they would take this if I would
get the opinion of endorsement
of some known scientific man
then they would examine my

Manuscript but I have
none. I did not know I
commenced to write over three years ago
for pastime. It is complete form.
but when I saw by the papers how
they rejected you I resign discouraging
I decide I look heart, take a vacation
at the expense of a company, sail, I guard
I will write, to many friends; I shall
be no more of time I am now.

If you will examine my
manuscript, I will not it is, I will
write a short synopsis and send it.

I will now give you an outline of my
treatment of the subject: "Matter is in
harmony with all laws, mean and universe
of Gravitation to be it is in harmony with
all the laws of Nature. It is not in harmony
with the known facts to be true.

The Sun is not the absolute head
and is surrounded by a passive, intellect
flames. The light and heat of the sun exist
as a passing influence. It and is a

mod. of motion. The sun, being the
Polarizer in motion by radiant energy,
the planets move in elliptic courses
because they are moved by the polar-
izing force of solar heat. The solar
system does not run itself by its own
weight. Heat moves; polarity guides.

Gravitation upon Earth is matter
name for atmospheric pressure and
terrestrial magnetism. We are bewitched
as at the bottom of the atmospheric
sea; Bodies move, sinkers, fall
earthward in a straight line,
because it is the line of least
resistance.

Please answer, even if you
cannot give me a "good award".
I am used to disappointment
and may will not break my heart

Lydia A. Richards

June 25 1878

Allegheny City June 21 78

Mr Thomas. A. Edison

Sir

Reasoning you as the great inventor of the age I wish you would test your ingenuity and see if you can invent an instrument that you can breathe under water with I have thought over it for sometime myself and I believe it can be done but I have neither money or time to work at it I think if an

I were invited
that would work on
the same principal
as the fish used to
breathe through would
answer the purpose a
fish draws breath in
water he evidently draws
both water and air into
the mouth while the
air goes to the lungs
the water is thrown
out through the gills
now if you had something
that would work on
that principal I
think it would answer
the purpose look over
it an hour or so and
see if you can get
up any thing of that
sort I would be very
happy to hear of you
success in that line
and I think if there
is a man living that
can do it you are
the man

Respectfully

C. Allegheny City

Fort Sully Dakota Territory
June 22th 1878

Thomas Edison Esqr
Menlo Park N.J.

My dear Sir.

I have decided to commit to you a suggestion, which I believe valuable, and which perfected by your skill would I think be a profitable discovery: again I think you the most competent man on this continent to judge of the matter –

By course, I have, with all the world, besides, been pretty interested in your success and discoveries; and from Captain Folsom of the U.S. Army now on tour here (formerly at Port Buron) I have learned much of your personal history, which has increased my confidence in you and your prominent ability.

The imperfect description of your the-

mophile, (of which I have only the newspaper ~~those~~ accounts) conceived to me the idea, that I have for some time entertained, of utilizing a vibrating or singing flame as an entirely new form of telephone — You know that a flame, as in common gas jet, may be made to vibrate with the sound of the voice, by confining it to a tube and connecting that with a sounder — Now you have taken advantage of the high susceptibility of carbon to heat, — The vibrating flame is a vibration of heat — and if the "singing flame," vibrates with the sound of the voice, so as to give with every sound wave, a heat wave of corresponding intensity, and you can convey these heat waves to solidified carbon, they may be then transformed into corresponding electrical waves, and transmitted by a conductor to any any distance as they are transfered in the ordinary telephone

As a method of transforming the heat waves ~~of the~~ made upon the carbon by the flame, I would surround

the carbon on every side not exposed to the flame by copper and zinc filings diffused ~~of or~~ ~~a~~ through, or rather mixed with pulverized charcoal; or any form of pure carbon — My idea is, that the fine copper and zinc filings mixed about equally together, would receive the heat from the carbon, and ~~so~~ that their particles would form so many thermo-multipliers; the effect of which, is, to generate an electric current, or at least, an electric wave for every heat wave. I would have this mixture of copper and zinc filings continued a sufficient distance beyond the carbon upon which the heat is received from the flame ~~flame strikes~~ to concentrate and form into a disciplined unity, every electrical wave, into which the heat wave is transformed; — then just before this mixture unites with the wire conductor I would interpose carbon or charcoal, conductor thoroughly infiltrated with mercury, as this greatly intensifies the sound wave at the end of

the circuit — as Professor Hughes says that he has discovered — though I believe that this discovery was suggested by your correspondence with him —

Of course the carbon upon which the heat from the singing flame strikes must be protected from any heat, that would ignite it — which might be done by a ~~silver~~ covering of silver leaf made as thin as gold leaf —

The flame may be as large as desirable and the glass tube in which ~~they~~ it vibrates of any length —

I commit this suggestion to your honor and confidence — My own crude experiments tend to confirm it, and I believe in your hands a complete message sender can be made out of an ordinary gas jet.

No human being has my suggestion — If you will make the experiments I will cheerfully bear half the expense if you think it worth while to make them — And I will abide by any proposition you make —

Will you please answer & acknowledge as soon as convenient — I am Sir

With high respect

Your obdt svt

H. M. Lazelle

Major 1st Infantry

U. S. Army.

Unassigned Infantry

Maj. H. Lazelle

Fort Riley

Kan.

51 Belsize Road.
St. Johns Wood.
London.
England.
July 1st 1878.

Dear Sir.

I take the liberty of suggesting to you an idea to strengthen the sound of that wonderful invention of yours—the phonograph. The rough sketch on the next page represents the idea

51 Belsize Road.
St. Johns Wood.
London.
England.
July 1st 1878.

Dear Sir.

I take the liberty of suggesting to you an idea to strengthen the sound of that wonderful invention of yours — the phonograph. The rough sketch on the next page represents the idea

which no doubt has occurred to you before.

The mouthpiece a is (as in the photograph) of vulcanite and about 3 inches in diameter, to

this is affixed a short tube of brass b about 4 inches long. To tubes c and d made of the same material as an ordinary speaking tube are joined together and joined on to the brass tube b; the sum of their diameters must, of course, be equal to the diameter of the brass tube b.

Fix the ends of the two tubes c and d to the mouthpieces of two of the photographs which shall be cooked by the same piece of clockwork so as to give regularity to their motion. Let the bars on which the vulcanite mouthpieces slide be equally graduated so that both may be on the same point when the cylinders rotate. Speak into the primary mouthpiece a the sound will be conveyed down the auxiliary tubes c & d into the mouthpieces of the photographs. When you have finished speaking set both mouthpieces

back to where they started from, and, the two cylinders being made to rotate, will ~~[illegible]~~ repeat the talk in unison but with double the intensity. The mouthpiece can be supported on a brass stand at any convenient distance from the two cylinders since the tubes c & d are flexible. If you think this idea worth anything would you write to me and give me what remuneration your generosity prompts you as I am not well off and would be glad of a little help.

I am extremely fond of science and sit up late in the night and rise early in order to pursue my favourite study. I hope you will not think this presumptuous on my part but will consider what I have said with that impartial and generous ~~[illegible]~~ mind which you in common with all great geniuses possess.

Awaiting the favour of a reply I am

Dear Sir

Yours most obediently

S.R. Sugyn.

P.S. Please excuse the rough

(6) (5)

manner in which I have written this letter but I have been and am working so very hard that I can scarcely see to write at all. Excuse my writing & see again

S. McGregor.

Mill Cove, Queens Co. N.B.,
July 5th 1878.

Prof. Edison.

Dear Sir

Since coming with the thought of examining a patient's lung with the ordinary stethoscope, it occurred to me that you could invent a pneumo-phonograph.

If the lung sounds could be recorded on the slips of tin-foil and laid away, they could, from time to time, be compared with those registered at a later period. Thereby the progress of the diseased lung could be told. Again, the healthy sounds could be taught the student as well as the abnormal ones in comparison.

In addition, a stethoscopic examination could be made by an instrument so sensitive as to make or convey to the physician ear, the faintest deviation from normal chest sounds. And, in examination of the heart sounds, in the instrument be peculiarly valuable.

If I had the inventive power I would not trouble you with crude suggestions.

My judgement is that a slight change in your phonograph, so as to have a conducting medium from the chief audio band inside it, just the instrument, so the human phonograph.

The auditive stethoscope would involve the principle of the phonograph with a change in form, I think.

It has not been my privilege to have seen the phonograph. So, my suggestions are based on conjecture.

Hoping that you will not consider me intrusive, I remain yours truly,

Henry T. Satchell

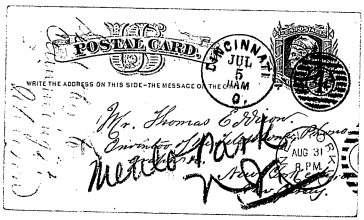
Cincinnati, July 5th 1877.

Mr. R. A. Barforth

My much respected brother Inventor

I wish you, desiring your aid in bringing before the world two Inventions — My Fluid Resistance Neutralizer and my Force Motor. With the first I cause the water before the bow of a Ship — as wide as she is and as deep as she draws — to, instantly, disappear, and by transmitting said water's enormous resistance to the stern, thus cause it to, constantly counteract itself and hence [illegible] Propelling Power.

Yours in hope of Eternal & Infinite Glory.


POSTAL CARD.
WRITE THE ADDRESS ON THIS SIDE—THE MESSAGE ON THE OTHER.
CINCINNATI
JUL
5
AM
O.
Mr. Thomas Edison
Menlo Park
N.J.
AUG 31
P.M.

Oil Well Supply Company, Limited,
Confidential
St Joe Butler & Co., July 5th 1878

Prof T. A. Edison, Esq
Menlo Park N J

Dear Sir

Your note of June 21st saying you would see if you could find any material with expansive and contracting quality to suit my purpose, I will take the liberty to explain to you the purpose for which I wanted. I have discovered that if a person could get up an attachment for a base burning stove such as is used for (Parlors) burning hard Coal. That the heat of the stove would controle the damper the same as the heat of the room controles the thermometer. It would be a valuable invention if you can find something that can be used for the motive power for the same. I will give you 1/2 interest in the Patent.

Confidentially yours J. A. Fleming, St Joe Butler & Co

Cairo Pitkin Co West Va
July 6 1868

Mr Edison

Dear Sir

I notice in one of the public journals that you have invented an Electro-Magnetic motor to be applied to Sewing Machines &c &c I have invented a motor of that kind but which I do not wish to patent until I find out whether you have anticipated me. If your motor compares with your other wonderful inventions I presume it must be perfect. Will you please favor me with a description or sketch of your invention? If you care about it I will return the same. I have a theory (new) as to the cause of Magnetic attraction which perhaps may interest you and my theory I have based my invention.

Please excuse my bespassing on your valuable time

Yours respectfully

John Clark

Office of Dr. E. Woodruff,

Botanic Physician,

41 CANAL STREET.

Where for seventeen years every description of ACUTE, CHRONIC and PRIVATE DISEASES have been successfully treated on Botanic Principles. Five hundred Botanic Remedies kept constantly on hand. Counsel at the office FREE.

Grand Rapids, March, Feby 16th 1879

Mr Thomas A. Coleman

Dear Sir,

Through the kindness of Mr. F. Wheeler I was permitted to see your Telephone, nothing on Phonography which crowns the wonderful work of the age so far, Through kind Mr Ely that is with him, I have learned much of your genius in the art of making inventions, I am now 63 years old and very nervous cannot stay here long at best, But I wish to say that I have been a Spirit Medium since 1832, I was formerly a cabinet maker and have been a physician and a practical Seer & Clair Audient & an impressible medium, Thy Thomas are many things of New inventions,

But I have not the business, but to bring them out and let them have the credit, I have many inventions which others could make millions out of, which will die with me, if not I die in motion by some one else. The one which I would call my attention first is a Musical Instrument, as made in Spirit life which they call an Eolian Harp.

The Sound is made from grass which is the finest I ever heard. It is made in shape of a cabinet organ, or melodion, & is played with the keys. The sound as an organ, or as a fast treadle bellows wheel inside to give it a blower, & has a blower, & the bellows first I saw the instrument & heard it play it is made of soft and sweet as well as a description as I could in any particular.

Now if you can take hold of it, I will send you an Elaborate description, of every part & process of it, and let you go on & get them up and patent them, sell at your own price and pay me 10 per cent of what it sells for you make.

I think after you get it properly patented, the profits, you can get them up for $35 & fifty dollars each, according to the cases they are in. I know the work sell at just for a thousand dollars each, & then clear $18 and all of the Parson would do on the rest is to the wind & heads, & as they bring.

You will not want more than one melodion to make them sell & you will draw to make Sonnets and go out with a glass Establishment & make the Goblets, but you can have them & their stoppers cut, & then made right, all of which I have laid down.

When I made the inventions, I was to
it not and gift for the sum of
a certificate of the same. So that no one
could get the Start of Priority in the
Invention. This was done in June 1871
and I have been so busy I could not attend
to it until now.
I have attached to this letter a
small quantity of the powder, enclosed
in a little Glass tube stopped to
in bags. Empty the Glass off at the side of the
fire, and place some in an dry and burn
by one or two sticks. I have seen
it burn in Spirit lamp, and the ashes of the
mixture, but not the powder so concentrated.
So entire South West Wind is a common
A Stiff breeze & pitch of the being guided can
through, I have no time, and so is not
you can do with one on the original part
I am engaged now today & from you cannot
well say writing, I hope to be better in the
future. Respectfully Yours
Dr. Woodruff

Office of Dr. E. Woodruff,

Botanic Physician,

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Grand Rapids, Mich., July 6th 1887
(Dr. Shepp)

I would say one reason I can
offer you so reasonable terms
is, I expect from Alpena one of the
Richest gold & Silver mines in the S.
It has been shown me one by people
in the year was a hundred and
a million dollars of the surface, I think
by the looks of it, that the one will
be far a million a pound & easily ground
up. It is invaluable, as I have shown
one by one Ancient Spirit Dr years ago
I have been willing to get money & buy
the land for one thousand dollars
But no one knows, or will know,
until I get a deed recorded,
This is better than speculating in paint
mines. Dr E. Woodruff

Webster, Mass. July 11th, 1878.

Mr. Edison

Dear Sir.

Pardon me for trespassing upon your time; for I shall take but a few moments.

I have a few thoughts which if of no utility will take you but a moment to consider.

It seems to me this flying machine will never amount to anything because it is not constructed in such a way as to move against the wind.

Now why could not one be constructed in this way.— let the air bag be of paper or some material which would retain its shape even under great pressure, and let it be spherical or cylindrical one end of which might taper gradually.

Why could not such a bag save the air extended instead of filling with hydrogen or heated air.

A spherical bag 25 feet in diameter would displace about 8000 cubic feet of air or 500 lb.

Hope you will be able to make use of these suggestions.

Yours truly, Edw. Day.

Lynn July 16th 1878

Thomas A. Edison Esq
Menlo Park N.J.

Dear Sir, I sent you some four or five weeks since a letter & sketches, but have as yet received no reply

Please inform me if they were received & if examined your opinion of them

Yours truly
John P. Woodbury
Nahant St
Lynn
Mass.

1445 Mariner St
Buffalo N.Y.
July 18' 1878

Thomas A Edison Esq

Pardon the liberty I take. I have always looked upon inventors as a class of men like Smokers of Cigars. they always ask their friend to joise. I am one of the inventors. and now have a project in mind relating to improvement in the use of Coal gas for light. and have a Carburetter in which I use refined petroleum oil. doctored a little by Acid. I get fine results say 50% saving. now what I want to ask You is. Can You put me in a line of experiments in electricity that will in any degree have an effect on petroleum to render it More Volitile or in a better Condition for the Coal gas to take up and enrich the same

I am of course asking more of You than I have a right to do, but I should never learn if I did not ask. If you have a spare moment at any time and should feel disposed I shall most fully appreciate Your favour and You may at some time know of having aided one who needs it as much as possible.

I presume it is unnecessary for me to say that many trials are being made in Carburetters but all use the lighter material as Naphtha, Gasoline &c. I want to use the heavier oils. Now can electricity be brought to bear.

Very Kindly Yours
Wm Monhouse

Geo Bryant 17

6 1/2 Fourth St
Louisville Ky
July 18th 1878

Professor T. A. Edison Esq
Menlo Park N.J.

Sir

Some time ago I believe you was asked by a Southern Senator if you could not invent a simple machine to pick Cotton. your answer being that you thought you could and would.

Allow me to state to you that I have taken out two patents and spent many Thousands of Dollars and my time experimenting with machines for picking Cotton. I have the best principle that devised, and simple.

I would say to you that if I could get assistance I can build my next machine to be a successfull one.

What I think ought to be done is

to get up a Joint Stock Co and
build a proper machine.
I merely suggest this to you
thinking you might feel an
interest in the matter. and be
induced to give it your valu-
able attention.
Hoping to hear from you beg to
remain very
Respectfully &c
Wm Appleby.

Appleby Wm
Aug 20 '71

Fort Sully Dakota Ter.
July 24th 78

My dear Sir.

Yours received – Doubtless you are right – But I am convinced that with your practical knowledge and ability you could substitute an advancing and receding flame – easily devised and applied to the thermopile to obtain flashes of heat; thence transfer that heat to electricity by means of copper & zinc thermomultipliers, and you have an electric current of sufficient power to send over a long circuit; – it could be used in place of the present much more

expensive battery. — You know heat

July 2 1878

in its transfer, if it meets with hot

exogeneous elements, is transformed

to electricity — I hope you will

not wholly abandon the idea —

The world expects great things

of you and it has reason

to do so —

Very sincerely

with high esteem

Yours &c

H M Squires

Major I Eng

USA

Thomas Edison Esq

Menlo Park

N.J.

St Louis de Gonzague Province of Quebec
July 24th 1876

Mr Edison

Dear Sir

Having been informed that you have made inventions a great part of your study, and that your opinion as to whether an invention made be likely to succeed if patented, would be of importance, on account of your great experience as an inventor,

I hereby respectfully propose to submit to you three inventions which I have lately invented, viz. a Concentrator for making Butter of a superior quality, a Combined potato masher and mixer, and a Reflector for lamps.

Should you be disposed to

to enter into partnership and furnish money to secure patent rights, I will forward to you drawings and descriptions of the above named inventions, and if on examination you think any of them would succeed if patented, you could make applications for patent rights in our joint names, or in your own name, in the latter case allow me a reasonable compensation for the inventions.

Enclosed you will find a list of inventions which have been submitted to Her Majesty's Lords Commissioners of the Admiralty and War office, some of which has been adopted in Her Majesty's service in a modified form.

Should you be pleased to accept of my proposition please let me know.

Hoping you will excuse the liberty I have taken in thus addressing you.

I am Dear Sir
Your Most Obedient Servt.
David Rodger

[ENCLOSURE]

List of inventions submitted to Her Majesty's Lords Commissioners of the Admiralty, and forwarded under their reputed dates.

Submarine Machine for destroying Ships of War. July the 21. 1861

Self steering, self propelling Submarine Vessel, for destroying Ships of War. Feb. the 18. 1861.

Naval Signal Measure. April the 18. 1861

Forming a Vessel as upon a Point, when in action. May the 28. 1863

Atmospheric, or hydraulic Propeller. May the 19. 1864

Torpedoes for destroying Ships of War. Nov. the 7. 1865

Submarine gun for sinking Ships of War. Sept. the 29. 1874

Plan to entangle Screw Propeller wheels, of Ships of War. Sept. the 29. 1874

Towing Torpedoes, or Submarine Vessels into action. March the 22nd. 1875

Submarine gun on Board Ships of War. Feb. the 18. 1876

Plan to capsize Ships of War, from the view of an enemy's Ship, during an engagement. April the 8th 1876

Aberro Screw Propeller. June the 30. 1877

Auxilliary Atmospheric Propeller. Nov. the 7. 1877

Directing Short or Shell, from a straight line, when fired from an enemy's Ship. Dec. the 9. 1877

Self steering self propelling Torpedoes, for destroying Ships of War. Feb. the 14 1878

Floating Platform for picking up Torpedoes, or Submarine Vessels. Feb. the 22. 1878

Extended line of Movable Submarine Torpedoes, for destroying Ships of War. April the 15. 1878

Plan to entangle Screw Bulk & Screw Propeller shells, of Ships of War. April the 15. 1878

Denis Rogers
Inventor

[ENCLOSURE]

List of inventions submitted to Her Majesty's Secretary of State for War, and forwarded under their respective dates.

For securing fortifications from capture or invasion by an enemy's forces. May 3. 1859

Rifled cannon. Nov. 14. 1860

Mortar cast in solid block for firing shells of any required weight. Oct. 4. 1860

Gun for firing grape or canister shot in a rifled line. Oct. 6. 1860

Mortar or cannon cast in asphalte casting. Feb. 14. 1861

Instrument for measuring uniform motion. Sept. 3. 1863.

Cannon of one or two chases. Sept. 6. 1864

Shield for the protection of ship's mortars. Feb. 14. 1876.

Bomb shell. April 3. 1876

Cannon for counteracting the attraction of projectiles on their end shell during their passage through the air. July 17. 1876

Bullets for incommoding an enemy's forces in the field. Oct. 14. 1876

Place made field piece. Nov. 7. 1876

David Bryce.
Inventor.

Atlanta Ga. July 27th 1878

Dr. Thomas A. Edison
Menlo Park N.J.

Dear Sir:—

Since the "debut" of the Telephone & Phonograph, the idea has occurred to me of a possible "Visiograph." If sound-waves can be transmitted & reproduced at a distance, why cannot light be handled in the same way? It seems to me only a question of sensitiveness in the material used to receive the impressions. It must, of course, be extremely sensitive to light, & highly elastic.

With such an instrument in connection with the Telephone, one could not only talk to a distant friend but actually see him.

Attach it to the ~~telephone~~ Phonograph & while we reproduce, for example, some great oration, we also behold the very expressions, gesticulations &c. of the orator. With me the whole is, of course, immaginative; but is

such an instrument an impossibility?

I have neither the time, nor means at hand to make any experiments in the prosecution of the idea, nor am I prepared to say that I believe such a thing possible. I take the liberty merely to give you the hint & would be most delighted to hear of you soon as the inventor of such a machine.

Pardon me for troubling you with so visionary a matter, though I am almost persuaded there is "something in it."

Yours Very Respectfully
W. H. Finlayson

P.S. I can already immagine Mr. Becher crawling out of one of your Phonographs — in propria persona — & lecturing to an Atlanta audience.

Rec'd Aug 1, 78

U. Aug 2 78

Amsterdam N.Y. Aug 1st/78

Prof. Edison

Dear Sir

I have been experimenting with the Microphone and have been able to produce wonderful effects with it. I have been able to speak to it. I set off with 2 partitions intervening and the sound was distinctly heard a quarter of a mile distant through a Bell Telephone. I find a great deal of difficulty in controlling the Microphone as a slight jar will disturb the carbon and injure the tone. I have improved it some by immersion of one end of the upright carbon in a carbon cup filled with quicksilver and am able to converse with a friend a quarter of a mile distant by talking

in an ordinary tone of voice in the room where the Microphone is placed. Can you suggest some method of controlling the upright carbon by pressure or otherwise and still have it transmit the voice

My Microphone is made after the description given by Prof. Hughes in the Scientific American of June 8/78

Resp. Yours
Max. Reid

Rec'd relative to
Aug 5 '78
J. H. Ford Consulting
P.O. Stamp 3 cts

Champaign, Ill. Aug 2 1878.

Thos. Edison Esq.

Sir:-

Will you kindly give me a moment to answer a few questions pertaining to your business. Can you make a very positive electrical machine that will generate sufficient heat to burn or char small holes in paper? I will sketch my idea.

A glass cam or eccentric wheel, suspended between two metal

surface, the plate worked by a crank and at each revolution sticking a platina plate 1/8 in. diameter in which are inserted 6 platina wire points downward, the points 1/8 in. in diameter, and arranged in a circle. The plate with wires to be suspended by small pins or bolts in the tops of two springs, one on each side, resting on small wooden supports. Would a wire of platina or other metal on the glass plate act as a conductor for the electricity generated on the surface of the plate, and would contact at each revolution be sufficient to send the current to the ends of the wires? Could such a current be made to burn holes in paper placed under the points? Would an application of tartaric acid to the paper effect or assist the desired result? Would a glass ring enclosing the wires near the ends, act as a prime conductor, and concentrate the current?

I would be deeply obliged if you could or would satisfy me on these points, and also, if you could be induced to take an interest in the idea, and assist me in working it out, as I am assured it would be of great value if it could be done.

Please address in a plain envelope, Yours Respectfully

C. Mitchell

H. MULLIGAN,

Importer of Watches and Diamonds,

DEALER IN

AMERICAN, ELGIN AND HOWARD WATCHES.

Silverware, Jewelry and Fancy Goods.

No. 708 CHESNUT STREET.

Philadelphia, Aug. 3 1878

Prof. Edison

Sir

You are the only man it is possible with.

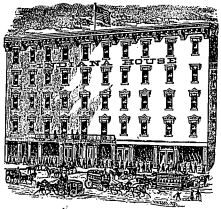
Can you invent any ~~xxx~~ kind of a small instrument whereby a person can smell their own breath?

Many person spout right into your face with bad breath, that are of course unaware of it; and if an instrument to self detect it was invented they would be carried by thousands if it was small enough to be

carried in the Vest-pocket.

Mrs 78 Mont Ripply. Yours.

Geo. H. Mulligan



125 Rooms. Open Day and Night.

Indiana House,

GIDEON RYMAN, PROP.

Fifth Street, between Race and Elm.

Within two squares of Theatres, Post Office, Fountain, Express Offices, &c. Street Cars to all parts of the City pass the House.

JNO. H. LOUCH, JAS. L. RYMAN, } CHIEF CLERKS.

Cincinnati, Aug 5th 1878.

Mech respitte Sir. In to day's Portal, I saw Your Inventions, for building a Vessel, Steam Power aid.

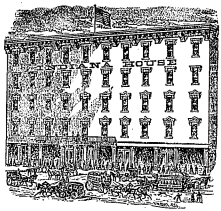
The first - Said - Resistance Neutralizer - consists of 2 hollow water-tight Cylinders - 18 in. diameter each - bolted firmly, through Keel, from stem to stern - thus constituting Double-Hull; a 3'. C. respectively 3 inches above surface of water, by stanchions, built upon Double-Hull, from stem to stern.

Each C. armed at Stem & at Stern, by 4 Angular or 4 bladed Screws. When Ship moves, by Gravity, water freely enters 1st forward blades, but is, by them, instantly compelled to Displace itself, by escaping Blades in 2d their aft circumference. Water's Resistance, received upon forward blades, will be transferred along their Shaft - through center of for & aft Heads of Cs. and will thus convert its effects into just double the Propulsion, that the forward blades received of Retardations; because Aft Blades shall be twice as long as forward. Thus, water, air &c. is compelled, by said blades, to do for itself the 2 things - viz. Displace, and React against itself with Limpless Propulsion; which 2 things, the steam, in any other the water in whose blades

Ship is compelled to do. Thus, economizes every lb of steam for speed.

The second - Power - Motor - consists of 2 piles of bricks - each is closed in a lovely - fitting Frame - Frame seated firmly to right-hand wall, and near front of building where located. heavy Wheels (with Iron shoe-pieces) Frame seated to left - hand wall near back of building - as far back of left Wheel, as horizontal diameter of Cogged Wheels will allow. Front No side face (N being 4 square, but N' being recangular - twice as broad as thick) N and N' not suspended from ceiling nor supported from floor. consists also of 2 Fly - Wheels (also formerly suspended, slightly and supported from floor) located below Cogged Wheels. Right-hand edge of N has a Mortice, cut horizontally into pile (here pile may be made of steel) Mort - cut near upper end of N, which must hang perpendicularly. Mort must face right-hand periphery of front Wheel. Left-hand edge of N has a Mort cut as above. Object - that a Cogg may be moved horizontally out of Mort, by any Power brought to bear, causing it to slide. Cogs to be armed above and below, by a series of Friction Rollers - from Mouth, to inner end of Mort. Inner end of Cogs - to be armed, by Spiral - Spring - reaching to inner end of Mort. (Cogs)

Moment N and N' plaid in contact with corresponding fronts and back horizontal diams Wheel Cogs - Nos. 2 an 2'. N will bear front Wheel's periphery down to place of Cogs No 3 and 3' by same fall, bear Cogs to 4 & 4' down to place of front and back Wheel's left-hand peripheries horizontal diams Cogs Nos 2 & 2'. But said fall, because Cogs are rounded - bowls on outer extremities, will cause Right Cogs to glide off of corresponding Wheel Cogs, into Morts - compressing Spiral Springs. But moment fall ceases, Cogs contact, Springs will be released (Springs can force and unbalk N and N') and place Right Cogs, out every Cogs - Nos 2 & 2'; thus causing front N and N' to rotate downforce right to left & back, to rotate, from left to right - with force of motion.



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JNO. H. LOUCH, JAS. L. RYMAN, } CHIEF CLERKS.

Cincinnati, ... 1878.

But said rotation will cause ~~the~~ left-hand periphery of front Wheel, to throw ~~the~~ its 100 lbs, diagonally, in a tangent, into upper air, ~~the~~ and right-hand periphery of back Wheel, throw diagonally to the ground. But said rotation will cause said back Wheel's left-hand periphery, to lift said back Wheel's right-hand periphery just as high ~~and~~, along with said front Wheel, as high, as its 100 lbs had previously fallen. But said rotation, by causing said back Wheel to loose one of its 200 lbs, does a noble work for Man's benefit, by preventing the diagonals fall of said front 100 lbs to the ground. But said back 200 lbs will left a surplus 100 lbs, which threatens fall. Hence, before we put the Machine together, we will force and prevent such calamities, by attaching to said front left ascending bar, Diana's 6 - No. 2. a Pitman - attach it to the Eccentric of a front Fly-Wheel; to said back left descending bar Diana's Cozy No 2, a Pitman - attach it to the Eccentric of a back Fly-Wheel - front E below centre, back E above centre. Ex related to each other in angle of 45°? Now, Mammoth Machine is put together, it instantly starts, and continuously continues to move, with ~~[illegible]~~ Power - more above what is

needed, to neutralize its own Action and Reaction, to run every other Machine in the World - from a watch, to the Mighty-est Steam-Power ever heard of.

How are these, for High, Low, Jack and the J?

I shall be greatly disappointed, if I shall not hear a favorable reply from you at your earliest possible convenience. I have been financially Kicked and Cuffed about this bough, during 2½ yrs. to get there before the World. But "I never give up the Ship." God is my help & My exceeding great joy. I hope He is the same to you. He will, without fail, be so to you, if you will seek the Lord, while He may be found, & call upon Him while He is near."

As I am suffering for the necessaries of life, please lend me $10.00. It shall be returned to you, by God, through me, more than a thousand fold, & that shortly. You will greatly oblige, for I have a family.

Yours, in Christ

J. R. A. Danforth

Ans. Aug 16 74

Boston August 15th 1878

Mr Thomas A. Edison,

Dear Sir: I take the liberty of addressing you on a subject which greatly interests me, and I hope that you will have the kindness to reply to the following questions:

1.— Is it possible for you or for anybody to invent a type-setting machine, or some kind of machine that will do the work now done by compositors? A machine called "A Type-Setting Machine" was, I believe, invented a few years ago by a Mr. Etheridge of Providence R.I., but unfortunately, it was of little or no use. 2.— Would you please tell me where I can purchase your Electric pen, and it probably

Cost? By answering the above questions, for which I enclose stamp; you will greatly oblige,

Yours Respectfully,
A. M. Morey,
P. O. Box 2484, Boston, Mass.

SHERIFF'S OFFICE,
THE
STARKE COUNTY.

WM. ELMENDORF,
SHERIFF.

Knox Ind., Aug 20th 1878

Prof Edison

Dear Sir

I had a Dream I was in Colorado or Montana I saw a large Box or vessel filled with Quartz (Gold) and that was filled with Water or Something to make it Solid I Then Saw a Galvanic Battery Attached and on the opposite Pole the Gold was Gathered from the Quartz in the vessel by Operation of The Battery. do you Think Such a Thing Could be done if So it would be The greatest Invention of The Age it would save an immense amount of labor and Expense in Seperating the Gold and Silver from the Quartz &c &c

Excuse me for taking your time with this (which may be a foolish Notion) but I have been so impressed with it that I can Not get Rid of it and having No Inventive faculty and Know but little about Science I am Impressed to refer the matter to you and

If you think that there is anything in it
investigate it and put it in operation
yours truly
William Blumenthal

Ans Aug 22/78

206 North Third St.
St Louis, Aug 23rd 1878

Thomas A. Edison

Dear Sir

I have for some time been thinking of a plan by which it may be possible to convey, by telegraph, a matrix from the office of a newspaper published in New York to a branch office in St Louis, from which a stereotype can be cast in the St Louis office, and the paper be printed simultaneously at both points. My ideas are crude, and I have not sufficient knowledge of electricity to work them out but I mention them to you believing you capable of surmounting

the difficulties. I should be glad to see some one make a success of it, as I cannot do so myself. If you should think the matter worth your consideration I will be pleased to give you my ideas, either at a personal interview, or by correspondence

Resp'y

J. S. Bowman

J. S. Bowman

Sydney Oct 25th 78

Also from Anderson Oct 11th 78

Recd Oct 11th 78

Henry J. Thomas
Ans'd aug 28 78

P. J. Lafayette Place
New York, Aug 26, 1878

Mr. Edison,
Sir:

I have been endeavoring to work out an idea for a call bell to be applied to a telephone, but so far I have not made it work. I know it will work if made in a workmanlike manner, but as I labor sixteen hours a day for my grub I have no time nor energy left to put my idea through. Would such a bell be useful? It is to be sounded by air rather through the means of the vibrations of the diaphragm and will cost but a few cents.

If you think it worth looking into, I will give you further information.
I shall be glad to hear from you on the subject.

Very respectfully yours

Henry J. Thomas.

33 Lafayette Place
New York.

Dear Dudley Chicago
Answ'd Aug 29. 78

1878

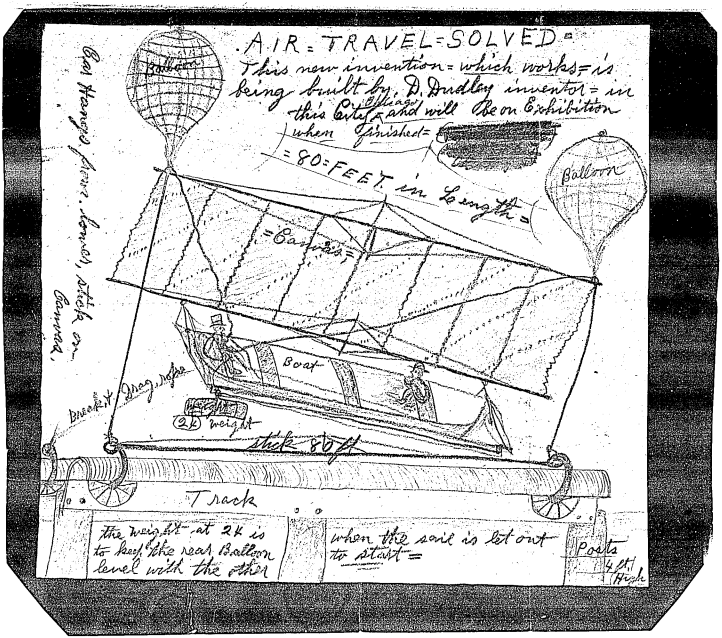
Chicago Illinois August 27th

Mr. Edison Dear Sir = I write and enclose a rough sketch of a draft of my air travelling arrangement = I am a young man 25 years old and, make a business of inventions I learned the machinists trade at 14 in Boston and worked at it 3 or 4 years after in the west I sold my invention the Improved, Toy Gyroscope near your Electric Pen Stand in the main Building at the Centennial Exposition I was at Column P No 72, my business just now is, cutting Silhouette or, Black, Profile Pictures cor. of State & Madison S.S. Chicago I have a

stand in the Exposition here which opens next week, and runs 6 (six) weeks, I do splendid at it = I spend all I make on experiments and did long before hearing of you I have one of your Phonographs which I built in Minnesota and Wisconsin two months ago, myself for my own use, now Mr. Edison its bagging and saying a good deal. but I never saw any one before invent more things than myself. till you. I acknowledge I take a back seat now, I follow all your work, as fast as I learn it. I have spent considerable on a Photophone with which to ~~see~~ see people in distant Cities have not quite got it yet, but Claim my Air Car, with Land Conduction is the only one or Idea which has ever been invented I am now making one for exhibition a small one. (the principle is the same as a raft crossing a river letting the rear end have the long guy rope. the current pushing on a slanted side forces it across. now when I let out the rear rope to start it will throw the rear balloon up instead of out on a level on one side so to keep it down I draw the weight back. I have a drag line with a pulley with break running in the Continuous track to stop or go slow. I have not yet applied for a Patent = not having money at present I know I can with money and not much either put up a triangular line 3 steps or stations

in some park and have it
running and carrying Passengers
inside of a month anywhere.
after commencing I have money
only to make a small one. to
run from a wire track which
could not be continuous as
a track would have to be, now,
are you to busy to advance,
any plan to work together &
let us Americans, have, the
Hond, of, the first air Line:
I work, hard day and, night
always, on my things, I built
two steam engines and a Groves,
Battery = when It goes, slow, all worked,
always, at it always, successful,
write me. I wish to hear, from you
if you can steal time = a line =
respectfully Dana, Dudley, Post. Office
Chicago, Ill,

[ENCLOSURE]


A.IR=TRAVEL=SOLVED=
This new invention=which works=is being built by, D. Dudley inventor=in this City, and will be on Exhibition when finished=
=80=FEET in Length=
Balloon
Balloon
=Canvas=
Boat
Bracket Drag, wire
2k weight
thick 80 ft
Track
Posts
4 ft Hole
Gas Hanger frame, bonnet, stick on Cannon.
the weight at 2k is to keep the rear Balloon level with the other
when the sail is set out to start=

Custom House, New York,

UNITED STATES PUBLIC STORES,
402 WASHINGTON STREET,

August 29, 1878.

Mr Thomas A Edison
Menlo Park N J

Sir

I have one or two matters of a Scientific nature which I desire to submit to you. If they are of practicable application - and I think they are - they would be valuable pecuniarily and otherwise. One is intended to meet an urgent requirement of the United States and would be at once adopted if it proved to be satisfactory. I have not the means of putting them to a practical test; you have, and I am willing to share with you if any profits arise from the matter. But little expense or trouble will attend a test, as the principle which underlies them is long

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UNITED STATES PUBLIC STORES,
402 WASHINGTON STREET.

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known and well established and the means for its application always to be found in laboratories where Electricity forms a branch of enquiry and experiment.

If you will be kind enough to name a day when I can meet you at your place I will submit the whole matter to you.

Yours respectfully,
Thomas G. Burke

National Soldiers Home
Wis.
Aug. 30 78

Thos A. Edison Esq.

Sir,

I have a great request to make of you. Do not pay me nay. I am an old man & soon to die. Am not worth ten dollars to my name yet have some thought & ambition. I want you sir first to reduce oxy-hydrogen flame from superheated steam so it can be utilized for generating steam & heating air for motor power & heating dwellings. Then I want you to make aqua-ammonia by generating hydrogen & nitrogen gases so that millions of gallons shall cost but a trifle. This for manure. Then I want you to take ten foreign patents & this country. Then I want you to purchase four town-ships or twelve square miles of land. This for a university such as I describe. The four centre sections for university buildings and residences for professors et. et.
Then large boarding houses on each quarter section to hold at least fifty persons. Then a rail-road to pass these to carry & return the students. Then a different system of teaching all to be oral & auxiliar. No text books allowed. Then a universal alphabet. That phonographic. All arts, sciences, philosophies, literatures, religions & infidelities to be taught by very ablest professors of each. Also a department for invention & experiment. Each building not to have a particle of wood in it that can burn. The farms to be stocked & equipped for use. All needful manufactures to be done on

Answered Sept 2. '78

the premises. Every thing to be raised which can be grown on the land to supply food & clothing. Every professor to write out fully every lecture — that to be examined by a critical board — all exceptions or improvements to be attended by the the examiners & he to re-write & then to be published phonographically in the universal alphabet & also in English. No student to be admitted but he or she shall work four hours per day. All apparel to be uniform & of home manufacture on the premises. No alcohol tea or tobacco admitted at all. For the doing of this you will more than 100000000, or such as you have if you accomplish the first invention. I would guarantee it on England alone. Let it be done & I will run an engine for ½ cent per mile. I will warm the city of New York for $1,000 per year after the fixtures are up. or a steamship across the ocean for $25." I will save the mere trillions per-an. The ammonia shall double the agricultural products. Life shall be sharp & knowledge abundant. Had I the means I think I could perfect the inventions. Should you desire it I will take the patents with you & act as agent. Please let me hear from you at your earliest convenience.

Believe me Yours truly

E. Prague

P.S. There were in county 45000 engines on air roads — more now. I would allow no one to use the patent short of $1,000. The number of steam boats is seven thousand — stationary engines equal. The chief avails from house warming

Catskill, N.Y., Sept. 2, 1878.

Prof. T. A. Edison,

Dear Sir:- On May 13th last I wrote you, mentioning a Telephone Call Signal which I had devised, and in reply you kindly offered to examine the Patent of same and give me your opinion of it. I therefore inclose herewith a copy of the Patent and desire to avail myself of your offer. As I wish to dispose of the Patent, if agreeable to you, please say what you think it ought to be worth.

I notice that the Scientific American has illustrated and described the device in the number for Sept. 7th.

The sound is greatly increased by using battery on the line, and, using one of the instruments on an ordinary telegraph line, the relays give out the sound about the same as a telephone would.

On a line of 2000 feet, one end grounded, the other open, with a telephone at each end, the bell has been rung and heard at further end, although faintly.

Awaiting your convenience for a reply I remain

Respectfully yours,
Samuel E. Rusk.

Received May 22 1876
Samuel E. Rusk
Dated Feb 8 1876

Lawrence Kan. Sept. 2nd 1878

Mr. Edison Esqr.

Dear Sir: Your last-rec'd at Wyandotte, I have no need to fear that I cannot manage the instrument. I mastered it in two hours, having read Prescott's book. The only fault I find with the machine is that it does not give each voice so as to be recognized, also there is no uniformity in it, it ought to run by clock work. I secured a patent on a Pneumatic power regulator that with proper machinery could be applied to the Phonograph successfully. I have already figured out the application, and this would make it run uniformly. If Mr Edison or the Company will purchase the patent I will sell on reasonable terms; I was offered ten thousand dollars for it & ought to have taken it. Write to me if there is any chance for a trade. It is the very thing. I want you to send me 25 lbs best foil. C. O. D. to Topeka Kansas right away. I have not succeeded so far financially, but the Press have given me several complimentary & very kind praises the instrument. I send two of our advertisements. Yours &c C. A. Gillstrom

Work me at Topeka Kansas.

THE HIGHEST HONORS AWARDED TO

ESTES & LAURIAT,

FOR EXCELLENCE IN EVERY DEPARTMENT OF BOOKMAKING:

A Medal & Diploma Decreed.

"For accuracy, neatness, and beauty of typographical and engraved work; clearness of paper, and standard character of publications. The Binding is of the best style and finish."

(Report.) H. K. OLIVER, *Judge.*
FRANCIS T. WALKER, *Chief of Bureau of Awards.*

INTERNATIONAL EXHIBITION 1876 — AWARDED BY UNITED STATES CENTENNIAL COMMISSION — PHILADELPHIA, MDCCCLXXVI

F. DEWING & CO.
230 Sutter Street,
SOLE AGTS. FOR
Estes & Lauriat's Publications.

Guizot's Popular History of France.
Martin's Popular History of France.

San Francisco, 3d Sep 1873

Thos. A. Edison, Esq
Menlo Park
N.J.

Dear Sir,

I beg leave, to address you on a subject, which has been a part of my studies for the last twenty years, and which I brought to a solution about eight month ago. It is the construction of a machine, moving and kept in motion by its own action, capable of producing a power according to the weight and size of the material, embodied in it.

Being financially in ill health, I cannot, to construct this machine on such a scale, as to admit the exact calculation of power in all its dimensions. I take the liberty of troubling you with the view of assistance, to build such machine. The producing power of the machine consists, in the producing power of the [illegible] only, the power produced [illegible] action.

cont

on this lever = 20 = 2, that it takes only a weight of [illegible] to keep the lever in motion, leaving a large surplus in power of the power produced.

Supposing this producing power of the lever = 10, it takes of this a power = 1, to bring the same back to its starting point, having a surplus of power = 9. If the producing power of the lever = 20, it takes of this a power = 1, and not more, to accomplish the same result, having a surplus of power produced = 19, and so forth. At this ratio the producing power and the surplus of power produced may be increased to any degree, being regulated principally by the conduction of the lever.

Although such a result seems incredible, taking in consideration the fundamental law in regard to moving bodies in machinery — that it requires the same power to bring a given weight up to the original position, which it has produced in moving down to a given point, and, deducting from this the friction and resistance of air, will leave a minus of production of power, — nevertheless is the above the result of the action of my invented machine, which action does not interfere with the fundamental law, but takes place in a peculiar manner, which is the principle of my invention.

And a person in machinery would acknowledge the above result at the first glance, at a model or drawing of the machine,

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(Signed:) H. K. OLIVER, *Judge.*
FRANCIS T. WALKER, *Chief of Bureau of Awards.*

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Guizot's Popular History of France.
Martin's Popular History of France.

San Francisco, ... 187

machine, which I cannot give without exposing my invention at once, but which I am willing, to lay before you, after you should consent, to enable me, to do so personally.

The whole machine may be constructed of iron or steel and is very simple in its details, it would take two first-class machinists under my superintendence about one week, to build a machine, large enough, to calculate its power accurately in all its dimensions, making the cost of the same including material about One hundred Dollars.

Should you feel interest enough in this matter, I would propose to you a partnership in the invention after your examination of the same, which I will assure be after your furnishing me with the means, to complete the journey. Finding it extremely difficult to interest a capitalist in this matter sufficiently with the view to bring my invention to maturity, without exposing the same upon

ally

C Manthey
(Born from page 3-31
Wms) Sept 11 78

I conclude, to lay this matter before you, being sorry, that I could not do so personally at your late presence at San Francisco, I being absent on business at that time.

As my invention is the result of numerous experiments on the mechanical field within a period of 20 years, and the machine itself <u>simple and simple in its details</u> as well as in its whole construction, <u>to admit of any deception</u> in the general calculation of its power, I am directing these lines to you as to a man renowned all over the globe by his brainpower, who brought so many apparently impossible things into reality, and who will not be apt, to overrul an invention of the above results among the impossibilities, hoping at the same time, that you will favor me with an answer, according to which I am ready, to act immediately.

Yours very Respectfully
C. Manthey
care of J. Dewing & Co

Cairo Ritchie Co West Va Sept 4/73

Dear Sir

Yours of Aug 31 is just received. I agree with you perfectly that what we dont know about Electro-Magnetism (or anything else) would make a large book, and I can easily conceive that your time is very valuable. I am a farmer myself and therefore know that even under that despotic government there is no law to compel a to be taxed.

If after satisfying yourself fully as to the merits of my invention - (Claim - the attraction of a soft iron armature into a helix closed at one end with a conducting wire - and claim exhausting the residual electricity into the ground when the stroke is completed) you think it will pay, I will sell you the entire right at a low price.

What I want is money to develop an improvement in the Steam Engine by which I can realize 90 per cent of the value of the fuel, where we now obtain but 5 to 10 per cent. My machine is very simple, contains no valves or sliding parts, and can be built at 1/4 the cost per horse power of the cheapest steam engine. Did you ever notice the description of the spheroidal state of water in Kolman's Chemistry - There water at 205° forms steam on the under side of the drop, requiring

and of tension sufficient to bear the weight of the drop 3.30 minutes to evaporate. I always thought this description was a tissue of absurdities and I have based my Steam Engine on what I believe to be the true theory of the spheroidal state of water.

Did you ever try the experiment of connecting the Galvanic and Magneto-Electric currents, or of forming an Electro-Magnet where the current after passing through the helix shall make the core a part of the circuit? May not the steel horse shoe in the Harmonic Engine become permanently magnetic, and is not 35 Whatons per sec too rapid to allow the Valves of your pump to rise and fall? I once ran a steam pump with 80 lbs of steam so fast that no water was raised. I have a theory of the attraction of gravitation and in fact all other powers where the attraction is inversely as the square of the distance, on which I would like your opinion.

At all events write. (if you can spare the time) we can exchange ideas if nothing more.

Yours respectfully
John Clark

Joe Clark
Paris N.Y.

PS – I would like to know just how long it took you to invent the Phonograph.

[ENCLOSURE]

Dynamometer

* Destroy that of Carcinus use up final Battery

Description –

b is a frame for supporting weights – a is a wire of zinc, one foot long, and certain of 8 grains of zinc, and supporting the weight – c (1000 lbs) – *Destroy the zinc wire and we develop a force of 1000 lbs falling one foot in one minute (the time consumed in the destruction of the zinc) This is the capacity of a Bunsen

[ENCLOSURE]

-cell- and 33 would give out one horse power
By substituting coal for zinc we equal test
the value is compared with zinc — This is based
on the principle that force is never annihi-
-lated — that the cohesive force of matter can
only be overcome by an equal force, and may
be changed to another place.

Custom House, New York,

UNITED STATES PUBLIC STORES,

402 WASHINGTON STREET,

September 5th, 1878.

Thomas A Edison Esq.

Menlo Park N. J.

Dear Sir.

A want of opportunity alone prevented my replying earlier to your kind favor of the 30th ultimo.

I will now briefly detail the subject which I desired to communicate to you in person, appreciating your position and relying on the confidence you so worthily deserve.

For a considerable time, as you may be aware the U. S. Post Office authorities have been endeavoring to procure a means of so effectually cancelling the postage stamps on letters as to preclude the possibility of

Custom House, New York,

UNITED STATES PUBLIC STORES,
402 WASHINGTON STREET,

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of their being used again. They have not yet succeeded. I propose to cancel them by branding, availing my self of the peculiar property of platina, while of becoming heated when forming a portion of a galvanic circuit. In brief I would have a canceller constructed of platina wire which would on the closing of the circuit become a heated brand and on the instant of its contact with the letter stamp (which would be coincident with the closing of the circuit) effectually destroy it so far as to being used a second time was concerned.

I need not trouble you with details of the mechanical portion of the device. Your experience will enable you to determine at once if the matter is practicable and if the result I have indicated can be realized.

Yours respectfully
Charles G. Burke

J S Brown
Petersburg Va

Noted

P. S. Forney
Lieut Genl
R. 19 Corps
Norfolk Va
Sept 9th 1815

Mr Editor
Dear Sir

[illegible]

[illegible]

[illegible]

[illegible]

language.

Take for two foil on which these sounds have been registered and have the indentations engraved or otherwise fashioned on plates of metal so as to sustain wear.

Now by mechanical arrangements that can be reproduced at will either separately or in combination as is necessary to produce words.

I will endeavor in this a sketch of an arrangement which will I think perform the work.

The sketch is made but I think it can be easily understood. In the complete machine there are as many pieces of a b c d e f g & h as there are elementary sounds — while the telephone is answers for the whole with the wires from the relays switch all connected with it.

a is an ordinary organ key, b lever, c shaft to which metal plate d is attached, e is one of Bell's telephone combined with your phonograph, f is a metal wheel and dog made to hold the metal plate away from chisel while the plate is on its downward course, g is a switch with long spring lever h which will give the switch is closed, i is a detent.

Yours &c.

J. S. Brown

New York
Sept 11. 1878

Dear Sir

I herewith return the document enclosed in your favor of the 6 inst and beg to express my sincere thanks for your courtesy and kindness.

It is true that my proposited arrangement for Cancelling Stamps has been anticipated in its application but not by the means by which I proposed to apply it; and I think that Mr Dorr under his arrangement will not realize as much benefit as if it were in a more practicable shape. The wires attached to the handle will always be in the way and prove an impediment to its free use besides each of his Cancellers will need a seperate battery.

My idea was to have the connecting wires pass up through the stand upon which the Cancelling Machine would rest and pass up through two hollow columns supporting a cross bar. Under the Cross bar would be placed

2

the stamp and to which it would be affixed; a non conducting substance underlying the platina wire would protect it from contact with the cross bar. The wires from the battery would pass through the cross bar from either side and unite with the respective ends of the platina wire at such point of the cross bar as would be selected. The columns supporting the cross bar would pass down through the stand through a spiral spring and their bases would also rest upon a spring. This arrangement would give them the necessary support and on application of pressure on the cross bar the stamp would descend to any desired position so as to come in contact with the object to be acted on; when the downward pressure was removed the spring would return it to its original position. By this arrangement a number of Cancellers could be in the one circuit, and the matter to be cancelled could be brought under the stamp either by the hand

or by machinery, and the presence of the Hand should be effected by like means.

It is very difficult to describe any thing which has an existence only in thought, but I think you will readily comprehend what I propose to do and which as far as I can see in no way infringes upon the Dorr Patent, and would be a decided improvement upon it. There may be objections to my method which I can not now see. But of one thing I am satisfied that the day for Round Stamps has gone by.

I have a letter of introduction to you from Mr. C. H. Harris of this City which, I hope I may some time be able to present without too much intrusion upon your valuable time, as there is a matter of very much greater importance to which I would like to direct your attention.

Yours Very Truly

C. G. Rusche

J. A. Edison Esq.
Menlo Park N.J.

Cody, Olney & Co.

WHOLESALE GROCERS,

10 and 12 PEARL ST.

Grand Rapids, Mich. Sept 11 1878

Thos Edison Esq
Menlo Park N.J.

Sir

A friend and myself have invented what we believe to be a new and improved method of propelling vessels by means of the reactionary power of a jet of water pumped out sterewards. This idea itself is not new but we have gone over the ground covered by the experiments in that direction made by the English Government in their vessel the "Waterwitch" and by other inventors and think we have overcome the defects in the system as demonstrated by them and can make a propeller or axial screw to the screw as it is to the paddle wheel. We have no means to push our invention which if

successful would certainly be very valuable and I write to ask you if you think you would care to interest yourself in it pecuniarily - I also will forward you details and you can very easily see by simple experiment whether the system is as good as we claim for it, before going to any expense in the matter

Respectfully
Ashley J. Holt
Box 2406
Grand Rapids
Mich.

It is not patented

Fairlawn Dec 5 Oct 1864

Thomas A. Edison
Menlo Park
N.J.

Dear Sir,

I send you by Express this a pair of Gutta Percha shoes in consideration and beg you to accept them as a free gift which has for its sole object the good of the first man who makes money out of the Electric Motive power of the Gutta Percha solution, wherever in the United States or any part thereof or in the first instance the inventor of the process through which alone that time-honored handmade of entertainments on the cold days of February, namely of stitching material of leather, can alone be easily made and also the best material as a bag to convey free ventilation to the feet. Those most conversant know that no parchment, tape, parchment shoulder, with

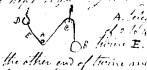
varying thickness of the photographic [illegible]
[illegible] from [illegible] [illegible] [illegible]
[illegible] I have tried silk [illegible] cotton [illegible]
silk [illegible] [illegible] flax [illegible] [illegible] of copper
[illegible] [illegible] [illegible] ~~[illegible]~~ [illegible] [illegible]
[illegible] [illegible] [illegible] with [illegible] [illegible]
[illegible] [illegible] wire ditto. I have made the
diaphragms of all sizes from ¼ inch up to 4 [illegible]
[illegible] also combinations of these different things [illegible]
using plain wooden tubes to hold the diaphragms
[illegible] making them [illegible] ~~[illegible]~~ [illegible]
[illegible] [illegible] [illegible] phonograph using [illegible]
[illegible] boiling them in paraffine to [illegible]
them & prevent their shape: the finest diaphragms
I have used [illegible] what I send you [illegible] [illegible]
[illegible] [illegible] think this material & thickness give
the most natural tones & the loudest of any I
have made or ever heard and I have [illegible] [illegible]
through Bell's so called (really Prof. Dolbear's) [illegible]
kinds of telephones but then I discovered that
I could transmit the sound along a thread or
wire continuously although [illegible] [illegible]
straight line or on turning at right angles

[illegible] [illegible] the wire through a [illegible]
[illegible] [illegible] [illegible] the wire [illegible]
[illegible] on this for months and [illegible]
difficulties to encounter in practice in the [illegible]
[illegible] a [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] from a given angle. I have tried delicately
[illegible] which to carry the line [illegible] transmitted
things [illegible] [illegible] could not describe all the [illegible]
experiments to solve this point (the insulator)
[illegible] [illegible] [illegible] [illegible] [illegible] bridge [illegible]
insulator [illegible] [illegible] it was then too late
to patent it as I had allowed my friends
free access to my workroom and my idea
were used [illegible] by them without credit to me
further it was described in the Springfield [illegible]
[illegible] [illegible] a correspondent from here & was
[illegible] [illegible] the [illegible].

I have read most or all that has [illegible] in
[illegible] regard to other telephones, microphones &c and
that have made them, as tests using metalized [illegible]
[illegible] in various forms for the microphones, and making
[illegible] [illegible] [illegible] with [illegible] [illegible] & various
thickness of silk insulated wire, also [illegible]

[illegible] Phonograph & [illegible]
[illegible] I have [illegible] the Phonograph in [illegible]
[illegible] every thing was [illegible] & perfect
[illegible] & Edison are [illegible] the best [illegible]
[illegible] & other [illegible] [illegible]
a very [illegible] [illegible] and [illegible] of
[illegible] to agree with Edison's Phonograph of Paris
and [illegible] Edison's of London. It is very [illegible]
regular. I will say that I have made [illegible]
phonograph [illegible] I get [illegible] [illegible]
[illegible] & the [illegible] of [illegible]
[illegible] I have [illegible] spent at [illegible]
and having a family of [illegible] to maintain.
I had [illegible] introduce [illegible] telephone to
the public [illegible] [illegible] houses [illegible]
[illegible] I feel [illegible] [illegible] giving great satisfaction
[illegible] as well in the [illegible] as [illegible]
time, in fact I have had [illegible] [illegible] through
[illegible] & the [illegible]
which will be hard [illegible] it will [illegible]
[illegible] the [illegible] I [illegible] you
[illegible] will be agreeable [illegible] and again [illegible]
you may [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible]

To start a line in the middle of a tack the same as
[illegible] a line small fish [illegible] never that
[illegible] from [illegible] to the [illegible]
[illegible] have a 3 inch hole through any thing that
comes in the middle of the line. The three inch hole
should not be over three. Next that hole from the
bottom and it cannot be over be as near for to
the line without [illegible] on the insulator string as
small as can be of according as it passes on the
[illegible] of course in the inside, do not bring
the line back on itself take the small string and
be the future end of the line, do not let the line
touch anything but the insulator, and the only
be the bottom, [illegible] the line light
as possible, after it is up and at work. It can
be held light by a very simple arrangement thus.



A. Bottom line in bottom. B. small
[illegible] attached to a piece of
[illegible] line E. said line running over a pulley
C. the other end of twine and be fast to a [illegible] D. the
[illegible] of this arrangement is to pull the line A up
and be taken up the slack, a similar arrangement
can be made to pull [illegible] as well, by the
simple hanging a [illegible] in the slack between [illegible]
a piece of [illegible] material to the line
that will always keep the line at the proper tension.
that is uniform. [illegible] pull up with the wind
will not make it operate when [illegible] out [illegible]
The line is made [illegible] in [illegible] not [illegible]
[illegible] in a great mill where I have run [illegible]
[illegible] 4 miles [illegible] 100 feet. If you want
more explanations or [illegible] I understand you
shall have them.

Send a telephone & Cancel Engagements & about 10 a.m. let of men of the 22nd come in with me & I will let them.

L. F.

Lieutenant-
William Pelle
Quad Squadron 7th

NY Sept 14 78

Elizabeth Thompson
Aud Sept 15 78

1

Dear Mr Edison

I wish to call your attention to the great need of some means of condensing our ~~of~~ garbage and reconstructing from much of a spark of electricity consuming every thing I mention to trouble you with the suggestion that you might construct a machine upon all the garbage could easily be condensed at a trivial expense &c

[illegible] days.
A woman could do
of 40 cents a day
to dig [illegible]
I think I could be
consumed for ten
cents a load meaning
a raising of 30 cents.
Except the cost on
the profits and the
see if you can do a
better work for
yourself and for
humanity than to
construct a pressure
for this purpose.
I should like
above all things to
see your last thoughts
upon your mind
be remembered by
people as I reckon
my reason and

Read your letter
[illegible]
with much thanks
for your success
in the work you are
in

Yours
Elizabeth Jane Howard
124 West 45th St.
New York City
Sept. 15. 1878

Sept 18 1878

[illegible]

Read this at your leisure or when you wish to have your business or to call and impose any disagreeable duties of your thinking of [illegible]

I am sick imagine that the time is a year ago or that you have [illegible] given the same reflections — either as a positive, or for a more [illegible] matter, but thinking of your [illegible] business, the same [illegible] command I am that you, of all other [illegible], are the only & fitting [illegible] [illegible] and [illegible].

When a boy, in 1833 I [illegible] [illegible] of the ship [illegible] — a [illegible] [illegible], [illegible] [illegible] within 10 years from that date his business [illegible] the [illegible] [illegible] [illegible] the [illegible].

It was considered a wild proposition but made it, I think.

While the trains, from the length alone and high speed, I dare the "Great Western" came up the bay on her first voyage across the Ocean. As long ago I think she was the first regular steamship for the service. We claim also know that for long long years no one dreamed of any manner of improvement & perfection as a problem from the paddle wheel; indeed some persons, less than three years ago, thought, brought him of the fact that water is a solid, and that a screw propeller simplyfying thereby under water motion would be the world's better. So prove being here. Now for the application. The screw is also a solid in the same instinct. You can make — yes, complete to its utmost details, in your facility here our ~~our~~ ships that shall navigate our atmosphere as safely as the ocean steamers safely steamships follows the ocean steamers, lake or railroad.

Screw. a screw of broad resistance: of sufficient combining lightness with strength: of matter of sufficient power and broad possible weight — Electric Galvanic or other power power:

Oil & lubricants for as the Wheels Pile is concerned. (for Propelling power and *buoyancy) the screw lifts but the action both steady: and the thing is done.

It is & be done by some one. Now do it yourself

* Any boys will answer do: they are bad boys & prove children with

Very respectfully and earnestly yours

L. P. Johnson

Cincinnati O.
Sept 19. 1878

My dear Mr Edison

You know Cincinnati? That it is the home of 300.000 people - that it is the very Centre of habitable America. That its hills are a glory, and its valleys an Eden - only as is frequent in Edens, it has its "Bruising serpent" - It is smoke. horrid black coal - smoke - soft bituminous coal smoke - It ruins our carpets our curtains. our everything [1]

I [illegible] [illegible] believe me I shall write to her congratulating her upon her father's good luck. Only write it up [illegible] I know to ever what everything you have from us. I am very dear Mr E. politely Yours [illegible] intimate friend
Miss Marie [illegible]
328. Elm St
Cincinnati Ohio

ansd Sept 22 / 73

a heart. Since you have succeeded him in office we pray you keep up the old usage. Send a kindly flash this way. and destroy our Dragon. and we shall ever pray &c -

If you do this Mr E. I will impart to you, a beautiful idea. of my own! about the analogy between your phonograph and the physiological processes of memory. You seem to have stumbled upon the very thought of the Almighty in reproducing to our consciousness, things long past & forgotten. I've plenty of things of that nice sort to say to you Do you ever feel awe-stricken in digging up His laws. as you do. [4]

Our obstacles "now", our hills
heads are approached and
stretched. The sun and the stars
the whole sidereal system is
affected by it. And soon can
not think by day or the
moon by night. Lucrezia
itself is shut out from us.
Will you Mr Edison,
fill our energy? You can
you know you can. Any
way, while waiting for your
dinner. Some other use ar-
rangement is put in Chimneys
(Mrs where in London). The
change will be like that in
old fairy stories. The Ethiops
(we are as black as that) will wash
their skins white, not for all.
Fewer long since buried un-
der coal deposits will unfolden
to gladden eyes which have
hitherto "seen never as through
a glass darkly". [This last is
a bad Scripture Mr E.] and
lucrezia — Mr Stanner is com-
ing to make hollow to shine
upon the heads of Cincinnati
— Now you see we can do
this. It is not in the power
of music — Orpheus himself could
not see any result in the way
of shine upon faces, stretched
up like ours. Very anyon-
ment is aimed at your best
and whatever sense. Just par-
don if I suggest also that there
are "millions in it"! We could
keep our own condition, only
we don't dare. If strooks us
up or. Our hope is in
you. Vulcan wished to have

(1) (2)

Custom House, New York,

Collector's Office, September 19, 1878.

Dear Sir

Your favor of the 18th is received, and I assure you I am exceedingly obliged to you, and doubly so since I know how occupied must be your every moment.

I think I have discovered a property of electricity (or rather a peculiarity) which, if it is as I believe it to be, may be of material advantage in the transmission of power by that agent. It is: that electricity does not pass through the body of the conductor used, but over and upon its surface, and that conductibility (if I may use the term) depends more upon the superficial area of the conducting medium than upon its solid contents.

If this view is correct, you will readily perceive, that, if the same amount of

Custom House, New York,

Collector's Office, , 187 .

of Copper contained in a given quantity of solid wire — be converted into a light tube or pipe of a greater diameter than the wire, or into a thin ribbon of greater superficiality than the wire — then we will have added largely to its capacity for transmission, whilst its cost must remain the same or nearly so.
I will hazard the thought in addition, that if we fill the Copper tube with water, its value as a conductor will be further enhanced —
Of course I presuppose insulation.

Yours Truly
C. J. Bustle

T. A. Edison Esq
Menlo Park N.J.

Chicago Sept 19 / 8

Mr. Edison

Dear Sir!

Your triumph in sending light, heat and power by electricity to any distance enables the utilization of the natural power which the tides of the sea represent.

A tidal motor, which the mechanical genius of the present era would easily contrive, will furnish all the power for stationary engines and for producing all the light

and heat required by man for general use.

Two years ago I proposed ways, and proved it practically, how to convert this natural motor into a vacuum power which by means of pipes could be sent distance from the sea, as practically used as steam is used now. This was a weak child of an idea, but it was conceived by an enthusiast ahead of what was to come. Your genius enables this weak child to grow up to a full sweet

will command the
giant who is now about
being under the bitterness
to arise from his slumber and
will turn into a great
creative power to serve
mankind. The

The realization of
this would be a giant
step towards a con-
dition of state & society
in which the measure
of duty shall constitute
the measure of
right. —

The power of arbitrary
dispensation rules supreme
in the present system
it destroys the ideal in
man and forces the thus

degraded humanity
to bow to idols, created
by the same despotism,
so as to enable a pre-
ferred few to hold their
bacchanalian feasts and
orgies upon the graves,
dungeons and ruins
of innocent minds.

respectfully
A. Stempel

Round Mountain P.O. Blanco Co. Texas
Sept. 26th 1878

Prof. Edison

Dear Sir:—

I have been much interested in your telephonic inventions, as they are somewhat kin to an invention of mine — Musical Telegraphy — I have kept before the public by newspaper contributions and popular lectures, nearly for the last twenty years. In the early part of my investigations the electro-telephone was the first thing that presented itself to my mind; but as it could not possibly meet any of my demands I abandoned it, and really invented nothing in that line. Years afterwards my invention (in Europe in particular) was erroneously looked upon as a telephonic invention. (Vide Ladies' Magazine March No. 1864)

In my invention some of the great points in view, is for one performer to manipulate, say ten or more pianos or organs &c with the same facility as he can one instrument, rendering notes from one, or two or more instruments simultaneously, as the expression of the music may demand it. In order not to impose new duties on the musician in playing these instruments the electrical connections between the instruments is controlled

by an assistant, by the aid of a Key board, that has about as many Keys as they are instruments involved. The great idea is to secure the highest artistic effect of instrumental music.

I use electro=magnetism only as a ready means to control the Keys of instruments, that are not under the immediate control of the player. You will perceive that by this method we open an avenue that must eventually revolutionize the art of music, and render such music in volume and in delicacy as never heard by man before. Another plan of my Musical Telegraphy is the construction of a Musical Hall, where thousands of notes can be given in a single expression. This Hall is virtually a huge musical instrument itself, with people inside of it! — another beautiful experiment is to transpose the music out of a music Roll into a piano — the latter playing it automatically. It is not necessary for me to go into the details of my invention — simply to state what we propose to do, with your knowledge in these matters, will in a moment point out to you the practicability of the scheme.

I take the liberty to write to you, in order to interest you in this matter, which by your aid and genius, can be made the most brilliant invention of the age. The Commissioners of the Centennial had in contemplation to make my Musical Telegraphy a great feature of the National Celebration of 1876 (vide: Printed report of the U.S. Cent. Com. for 1872 Appendix 3, p. 92–3.) and the Shoemacker Piano Co. of Phila. proposed to defray the cost of ten "Electrical Attachments" to be used on pianos of their make, for this purpose; but with such terms I could not accept, so the matter fell through.

Electricity as a motor has been applied to single pianos and organs of late years, but with no good results — indeed nothing is gained by such a combination. The science of music will not be benefited in the least, by any other individual agent where the sounds are produced by electricity either directly or indirectly — even the telephone included.

The late Prof. Henry of the Smithsonian Institution was favorably impressed with my invention, and many years ago, he offered me the use of the upper floor of the Institution building for experimental purposes, free of charge.

In regard to the pecuniary success, in using electro=musical instruments for concert purposes, there could not be the least doubt. Just taking in Col. Bellor's joke "there would be millions in it" — for who would not wish to hear this Electro=Music?

I would be pleased to hear from you, and any plan that you may will suggest to favor Musical Telegraphy, I will with much pleasure take into consideration.

Yours Truly
G. P. Hachenberg M.D.

On Musical Telegraphy.—"Dr. Hachenberg's lecture on Musical Telegraphy, delivered at the Crosby Opera House, was highly interesting and entertaining."—*Chicago Times.*

"The history of Dr. Hachenberg's invention, where many musical instruments are played upon simultaneously by one power, sounds like a leaf out of the "Arabian Nights." But we are assured by scientific authority that the scheme is practicable."—*London Times.*

"Probably the most appreciative audience that ever convened in Monroe, met last Monday evening in the Universal church, to hear the great lecture on *Electro-Music* by Dr. Hachenberg. * * * The lecture was delivered with thrilling effect. It could not be otherwise, as it was composed and delivered by the same great mind that is now bringing before the world one of the greatest inventions ever made by man. We can allow our imagination to dwell on the subject, and still in its most extravagant flights it refuses to build its "castles in the air" and go beyond the limits of what may yet be realized. Imagine, not only to hear a thousand notes of harmony given in one musical expression, but by the agency of electricity, have thousands of variations given in a single note. * * * We wait with no small degree of anxiety to learn what city will have constructed the first Electro-Musical Hall."—*The Monroe* (Ills.) *Sentinel.*

"Mr. G. F. Hachenberg, a distinguished inventor of Newtown, left for the city, to meet some of the coal land proprietors of Virginia and Maryland, with a view of locating gas works at the mines, for the manufacture of gas to supply this city, Baltimore, Philadelphia and New York. The gas is to be conveyed from the mines to the four cities in pipes, by pressure at the mines and suction at the different receiving points. Should this gigantic scheme be carried out all those cities will be supplied with gas for light and fuel, for much less than the usual rates. The enterprise would appear to commend itself to the attention of our capitalists, and even the encouragement of the General Government."—*Washington Chronicle.*

" * * Years ago, when the Dr. resided in Nashville, Tenn., he was the first to direct attention to the feasibility of constructing a subterranean railroad through Broadway, New York, and the details of his plans were published in the *Nashville Union.*"—*Springfield Republic.*

Dr Hachenberg
Chas Bartlett

Henderson Kelly & Co. Birm. Sept. 22nd 1878.

Prof. Th. Edison. New York U.S.

Dear Sir,

Upon letter of June 27th relating experiments made from Halle York to Philadelphia was received. Both gentlemen have been entirely successful in carrying out suggestions from I have shown wrong to include on some very fine [illegible] the very minute taken from your useful works. It is hard to imagine and wonder to demonstrate that very easily to day is an the suggestion which you are not have anticipated. Without flattery, I truly believe that Th. Edison may let aside Faraday, Pelletier and Allright with Lucas what no other man could dare to undertake; I believe that with you the Glory of to-day can become the Fall of to-morrow.

Audaces Fortuna Juvat!

Let me make my suggestion: If Gas Engine power will work 20 improved Holtzer-Forward machines of Mr. Wallace and produce $\frac{20 \times 1000}{10,000}$ Holtz-lights, this shows a necessity of 25 horses power for one machine. Will it not be possible to use Spare of these lights, say 2,000 in a furnace conveniently fixed to heat the boiler of the steam engine and leave 2000 lights to spare for outside use for us?

This is bold, I know it, and it is provoked from the honest scientific cords of the interchange & conversation of Tesses; but you, Mr. Edison, you are not bound to stick in the old grooves. Upon Faraday discovered induction, led by theoretical ideas which were rather disputable and exclusively not conformable to the principles of mechanics, it is due to this authority that has made this useful discovery.

Why not make an attempt out of the old creed? Who knows what the results

of the Electric forces & Who can reduce to figures for example the immeasurable power displayed by Electricity in accumulating to the smallest state even a fraction of a single grain of copper dissolved in a liquid. Other material & subtle forces are by the old name of chemical affinity. Yet who did it & it is nevertheless a boundless force, power than equivalent to this other unknown force Cohesion. It is now that Spiritual stress it simply cohesion to obey. Not as can we know nothing about forces; let us knock at that door and ever persist forcibly until we shall be to fashion it if we can not open it whether his old creed key.

Now I say: attempt to make the utopy a fact! you are the only man who may be permitted to do it, only be discreet about the attempt, remembering that success alone will protect the thunder of all comers to fall on your heads after all, in the ignorance where we are of the electric forces and particularly of the electric forces of inductions it is excitable to investigate if one of these unknown forces may not by chance, contain in itself a power not only sufficient to equalize its original force, but even some other forces to spare.

As for Mr. I can imagine by the repeal of the Seven intervenors your proposal to give to the Wallace machine such tremendously rapid rotations as to make the interests of Irish probably less than 500,000,000th of a second if so, certainly there will be no flickering for the eye can not grasp such an infinitesimal interval and though theoretically there will be ultimate interruption; practically there will be none. Yours are aware that after the Dynamo of induction, Mr Pixii and Ritz have invented a machine to divide to the alternation of inductions by means of a hinge moved by an earthlike barometer to obtain a permanent current in the same direction and similarly hydrogen & oxygen separately out of the decomposition of water by electrolysis. Both your ideas mixed in the same Dr. an account of alternations may be your can make use of this. Adding to it your tremendous rotations.

Respectfully yours admirer & humble servant
Hiram Cronemeyer M.D.
U.S. Surgeon

Hiram Cronemeyer, M.D.
Dr. Cronemeyer
Surgeon U.S.

Dr A B Hayden
Acad Sept 26 78

Mass. State Prison Sept. 22. 78

Sir

In the ordinary powers of producing the electric light the working of the Carbons necessitates the use of delicate adjustments for regulating their distance. I think this may be wholly obviated by furnishing the Carbons in the arcum or rather as it is now, by any of the dense Hydro-Carbons. I should propose to use Platinum rods on the Tyndall principle as roughly detailed on the next page. Being in Prison I have of course no opportunity of putting theory into practice.

Sketch No 1 represents a lamp burning Naphtha, Petroleum or Turpentine, giving the abundance of the 3 diversely divided rods.

No 2 the same with polar extremities non-insulated. I correctly suppose 1 & 2 to be equivalent to the continuous wire [illegible]

of the difficulties of installing the pois-
ons Gases. The Mr. J. Wirin Car-
bonic Hydrogen or Olefiant gas can
easily be arranged to provide Gas
without the use of the "Sugar". I
think the one should be furnished
from the gas connected with the
Jewelers Lode.

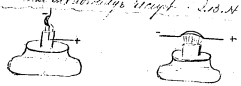
I think if this can be
worked into shape that the true Sun-
light of Light Hours illumination
will be attained for as I under-
stand it the only Barrier obstacle
to the electric Light lies in the
obvious difficulty of keeping the reg-
ulating apparatus in a state of
efficiency.

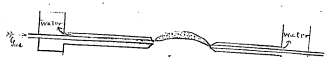
I suppose the annual
stockholders will expect dividends especially
to any one conversant with the subject
I further make no suggestions, as, writing
ideas is not without a Price - that
remains for you to do so.

Yours of Edison
Menlo Park
via New Brunswick
N. Jersey.

Dr. S. Harris
Prest the State Prison
Warrenville,
Mass the

S.S. Your account for receipt - $15.N.





P.S. Do the labors of Carbon Carrie a mac-
hical success?

J. P. JOHNSON, Proprietor.

MAXWELL HOUSE,

NASHVILLE, TENN.,

Sept 24th 1878.

Thomas A. Edison Esq

Sir

I have been experimenting with a two inch pipe 23 hundred feet long by exhausting the air in the pipe and compressing it in a reservoir by a pump worked by steam. For the purpose of conveying grain (corn) from one end of the pipe to the other as a means of transporting grain. the pipe was bent together in various angles and in something of form in the Amex shape; I succeeded in completly conveying the grain 4 bushels from one end of pipe to the other in about two minutes without loss of a single remaining grain in the pipe. Not being a scientist nor have I the necessary knowledge

Beersheba Springs run in connection with Maxwell House. Open May 15.

Beersheba Springs run in connection with Maxwell House. Open May 15.

MAXWELL HOUSE,

NASHVILLE, TENN.,

J. P. JOHNSON, Proprietor. 1878.

to compute power friction and resistance
nor the means to carry out my experiments
any further, I address you, as a man
of wonderful resources in practical
inventions. to give my experiments some
attention, I expect no remuneration if
the project succeeds in your hands, as the
invention if invention it may be called
would die in my hands for want of
means to carry it thro:

Very respectfully yours
Geo. R. Byne
Milan Gibson Co
Tenn

I am in some hopes
out my line of business
to my old trade

Beersheba Springs run in connection with Maxwell House. Open May 15.

MAXWELL HOUSE,

NASHVILLE, TENN.,

J. P. JOHNSON, Proprietor. 1878.

vessel when grain was received
in the bing run thro the pipe - The manner
of working was to exhaust the air in pipe into
the reservoir when air was fully exhausted
I then some more pumped into reservoir to 26
lbs to the square inch - then the valve in the pipe
was opened and at the same instant the valve
in reservoir was opened, air and grain
rushed thro the pipe to be delivered at No 2

Scotland Neck N.C.
Sept 23 78

Dr Wm R Wood
Ans 27 Sept 28 78

Wilmington, Beaufort
North Carolina
Sept 23 1878

Dear Friend

I have been with
Lodge while he received the enclosures in the
new papers of your experiments with
the electric light on Saturday & the same
day put the machine & power
consist in my services & only claim your
care & that I have the disposal & control
of it & that in case the Directors of the
Wilmington Light & Water Co
with this other very bright & intelligent
gentleman & myself & Lodge
& the electric light Co of the United
States in both this country and
Europe so far as to apply of magnetic
electricity which we have been trying
since with very little satisfaction that
now that you have so completely shown
the advantages & power of the Gramme

Electric Machine I firmly believe its success depends if properly handled, upon that it possesses over the most valuable properties to Science and Commerce yet invented. Should you feel sufficient interest in the matter to send me an answer, I will send you a copy of Patents, Drawings & Other if you wish giving the matter your attention but will make no arrangements with you till I receive your Reply. You may Deem necessary for its further development — the only manner is respectfully solicited —

Very Truly &c

William R Wood

My address is

Dr William R Wood
Roxboro
Person County
North Carolina

433 West 48th Street
New York
Sept 25th 1878

Mr Edison

Dear Sir

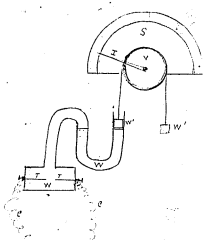
Seeing in todays Herald a notice of a new Voltameter that you have constructed I take the liberty of sending you a rough sketch of one I designed on the same principle but have not yet tried. By letting out the water and filling it full of Alcohol it could be made to register in a way the heating power of a current as well. By letting me have your opinion of it you will confer a great favor on

Yours Truly
Jas Darling

W W Water
T T Terminals
W' W' Weights
V Wheel
I Index
S Scale

Recd Sept 24 78
James Darling

Ans'd Sept 26 78



Kalamazoo, Michigan
October 1, 1878.

Mr. Edison, Esq.

Dear Sir: I have been many years experimenting with electricity, [illegible] with a view to its application as a motor. I have applied it to dental instruments with success; and am now moving cars of moderate length, with a light and inexpensive apparatus which I hope is destined to be of some benefit to the world. But my chief work is in connection with a way to run steel cars efficiently, safely and cheaply. I have had a track of some distance laid and run a loaded car on it of small dimensions and up a grade of eight elevation with such energy and effect as to surprise many practical men of experience, but for want of means I am unable to test my method on a large scale. I feel from the work as stated in the accompanying paper, from an engineer of the M. & L. R.R. I do not desire now to be very explicit; but if you feel an interest in my work, I am a humble inventor, sufficient to be faithful. I shall gladly enter more at large into my

methods and discoveries. I am satisfied that the problem of mining steam can may be solved by the means I employ. I read that you are investigating on this subject, and I have thought that you might deem my humble plan worthy of your notice, and if it should strike you as of value that perhaps you would find a way to test the matter in a thorough and practical manner — and at the same time save to me such rights as might equitably belong to me in the premises. If you will drop me a line stating a wish for further information I will most cheerfully respond —

Respectfully yours,
George T. Green.
Kalamazoo,
Michigan

PS. I take the liberty to enclose the statements of a railroad engineer and of the oldest editor of this place —

[ENCLOSURE]

Office of SCHOENEMANN & ASHTON,

—DEALERS IN—

Groceries, Provisions, Salt, White Fish,

GRAIN, FLOUR, FEED, ETC.

No. 18 FRANKLIN STREET.

(Oct 1, 1887)

BRANCH HOUSE, Corner Sixth and Franklin Streets. Michigan City, Ind. 187

By request of G. F. Green, I make the following statement, I had the pleasure of witnessing the operation of a small electric car gotten up by the said Green of this place, run on an elevated track, to which was attached a battery, so that the car sped its engine from the track as it went along, but what took my attention most was the promptness and energy with which the car would start when heavily loaded and the energy with which it would take its load up a grade, I took special pains to load the car well with old men & spike it but it exhibited the same promptness in starting as before, I considered the invention a success at the time and have had no reason to change my mind

In addition to the above and would say that Mr. Green is an inventor of great originality and has produced many marvels in the way of machinery and among others the one mentioned above, and also a reaper and binder for binding bands, with twine which has worked in the late harvest with entire success —

Gazette Office, Kalamazoo.

Yours Truly

Calvert

H. D. Epsicle

Engineer M. C. R.R.

Torrey H. Driscoll

Editor

Madison Oct 18/78
New Jersey

Mr. Edison
Dear Sir
I see by the papers that you have not yet hit upon a substance by which to make your "Electric Light" inexpensive. How would asbestas or Silica answer the purpose - "There are three modifications of Silicon which exhibit different appear-

Mr. J D
Nov 26
mahitoning

Ans Oct 30-78

ances, & have different properties in respect to Combustibility, Solubility, the power of conducting electricity etc. - Two of these are in the form of a dull powder the other is in the form of brilliant plates of metallic lustre:

Respectfully yours

Miss J. D.

Box 26 Madison N. Jersey-

Sauquenille, Dale Co. Ala
Octo 1st 1878

Prof. Thos. A. Edison
Menlo Parke N. J.

Dear Sir

I take the liberty of addressing you as follows - believing - (having tried others & myself) that you are, invariably the only man in the world, that can help me out of a Mechanical difficulty. My apology for the intrusion - is your own wonderous & God given genius - & if anything like an equal largeness of heart accompanies that of the brain, you will certainly do me the slight favour I ask. I will merely say - my family is larger - all females - & that I am old & poor (very) since the War. I took out a Patent, March 29th 1870 - for improvement in lubricating arrolring (Rail Road) axles - see Patent Report of that time No. 101,384 - It consists in the placing of a Sleeve upon the journal of the Axle proper (the journal slightly reduced) & secured by Key or otherwise & thus as it were, forming part of the solid axle & revolving with it in the lubricating fluid contained in the lower part of the Box. The objects are to remove friction from the axle & bring it upon the Sleeve which can be replaced at any time - & a perfect lubrication - It has also been supposed, that the use of the Sleeve & its occasional replacement would prevent Crystalization of the axle proper -

This being one of your specialties you will be the best judge. The axle proper, will never wear. The sleeve can be replaced as easily as the Brasses. Several smart — Master Mechanics, have said it was a very good thing — simple, solid & cheap. Some have called it "The thing" — but all object — that the fluid will escape where the Journal enters the Box — & that, I cannot remedy — The Box is in two parts, upper & lower, very strong & grooved — the lower half shallow but lengthened laterally, to hold sufficient fluid for several days or weeks. If (the lower half) has perforated partitions, on either side the sleeve, to prevent plashing from motion of the Cars. With any improvement I could get a reissue or extension — I believe — I will not say any more about it — as you will see all its points. If anything can be made of it — Will you take hold of it — & do with it & with me — as may seem good to you? I trust you will look into it — & vouchsafe me an answer. I had almost forgotten it — being out of heart, till your fame recalled it to my renewed hope. If it may be valuable, do not despise it — because contemptible — in comparison with your discoveries & inventions. I send a rough skeleton (I am no hand to draw) Hoping to hear from you, I will only add, that I am, truly with the most profound respect & admiration — Your obt. Svt.

Cyrus Sawyer

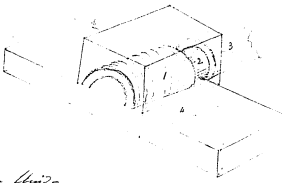


Fig 1 - Sleeve in fluid -
2 - Journal.
3 - Section axle.
4 - Partition with lower perforations, each side sleeve in lower half. Plan

Lynn Oct 3rd 1878.

T. A. Edison Esq

Dear Sir, I received from your Secy Mr Griffin under date of July 18th a letter acknowledging my communication of June 18th informing me that on your return about Sept 1st it would receive your personal attention.

Hoping you may be much improved in health by your trip to California & that on your return you may find a few moments leisure to give me so you proposed "an opinion of my invention" I remain

Yours truly

John P. Woodbury

National St Lynn mass

New York Oct 5 1878

Thos Edison Esq

Dear Sir

I should like very much to see you if only a few minutes I have some thoughts on electricity & sound that might be acceptable to you also one or two inventions as I shall be here monday & tuesday of next week if you are coming to the city. Please drop me a postal where I can meet you & oblige

Respectfully Yours

D. Monthorn

of Watertown Jefferson Co N.Y.

Direct to me New York city Park Hotel

City of Nashville

—Board of Health.—

J. D. PLUNKET, M. D., President,
J. B. W. NOWLIN, M. D., Secretary,
J. R. BURST, M. D.,
JNO. A. BRADBURN, M. D.,
THOS. A. KERCHEVAL, Mayor, ex officio.

—Health Office:—

COR. CHERRY & DEADERICK STS.

J. BERRIEN LINDSLEY, M. D.,
HEALTH OFFICER.

Nashville, Tenn., Oct 5th, 1878

Prof. T. A. Edison
Menlo Park, N. J.

Dear Sir

Sewers and especially Sewer traps as they are set in the majority of Cities are source of very great danger to the public health - if however, some simple yet efficient means could be devised of disinfecting the same, a great step forward in Sanitary Science would have been achieved - Ozone is unquestionably in my judgement the agent - but the means of its generation & application is not so clear - Some Sewer runs the time I suggested electricity in its stated form - & perhaps to run an interrupted wire through and the length of the sewer by attaching revolving plates to a steam engine - you may suggest electricity to do it or if you please call the time, to be everlasting by its successive leaps from point to point ozone & thus destroy all noxious gases - is this idea practical? Could you not suggest an approximation by

which the hoop (Spoil) could be prolonged from point to point throughout any sewer or any system of sewers?—

If consent I would be very glad to hear from you upon the subject & hope to interest you sufficiently, to induce you to organize some time can be done—

With my great respect I am

Very Truly
S. H. Plunkett, Prof.

Nashville Oct 5-78
Dr J. D. Plunkett
Cured Oct 8, 78

Kent Cond
11 Oct 78
Chemistry
and Metal 78

Newcome Villa,
Burnt Ash Hill,
LEE, Kent – England.
9th Oct. 1878.

Sir,

I have read with much interest, from time to time, descriptions of the Wonderful inventions for which the World is indebted to your Genius, and learn from our "Daily News" of this Date, that you are engaged in Experiments

Simple and inexpensive Apparatus for the Combustion of Coal Smoke in the Chimnies of our factories and dwelling houses. –

Such a Discovery would simply revolutionise the Conditions of life in London, Newcastle, Liverpool, and other Great centres in this, and other countries. –

Pray Excuse the liberty which a Stranger takes in thus addressing you. – Silvion Esq.

and Subscribe me,
Your faithfully – Owen Davis.

having for their object the development of apparatus for adapting the Electric light to domestic purposes.

Permit me to congratulate you on your past success and to express the hope that good fortune will attend your efforts in this new direction.

My object however in writing to you is simply to suggest that in addition to your other labors, you should turn your attention to what is really one of the most pressing wants of our age, – i.e. the discovery of some

Z. MARTIN. I. L. MARTIN.

Mansion House.

Z. MARTIN & SON, Proprietors.

Headquarters for Commercial Travelers.

SAMPLE ROOMS ON FIRST FLOOR.

COR. OF FRANKLIN AND PINE STREETS,

~~Titusville~~, Pa.

Oct 9/78

Thos. A. Edison Esq
Menlo Park

Dear Sir I saw by the papers some time ago that your preparation of Carbon was exceedingly sensitive to the influence of heat &c Now what I want is this. I wish to regulate the heat of an Oven to 1/4 of a degree if possible Can you arrange for me your Carbon to close the electric circuit when the heat has attained the right point and to open it again when the heat has dropped off 1/4 to 1/2 of a degree

Z. MARTIN. I. L. MARTIN.

Mansion House.

Z. MARTIN & SON, Proprietors.

Headquarters for Commercial Travelers.

SAMPLE ROOMS ON FIRST FLOOR.

COR. OF FRANKLIN AND PINE STREETS,

Titusville, Pa.

I am now using a thermostat of Rubber and Steel but I find that the Rubber loses its sensitiveness after a time and is not perfectly reliable I want something that is absolutely reliable Everytime and at all times an early reply will my greatly oblige

Yours Respy

F. Rosebrook
Elmira
N.Y.

Toronto Oct 11 98

Geo B Boyle

Acod Oct 16 98

16 King Street East
Toronto, Ontario
11 October 1898

Professor Edison
New York

Dear Sir

Pardon my intruding on your valuable time but wish to call your attention to the Invention for Railroad Signals by Electricity. Whereby each engine or Railway receives safety and danger signals as it passes along the road and arranges them for the next engines that may follow it. It also announces its approach to Station Masters and the Drivers receive signals from the Masters

Mr A. C. Menzies is the Inventor and if the Invention fulfils his expectations Railroad Collisions will be next to impossible unless the ex-

paratus be allowed to get out of order which it can scarcely do without an accident happens to it or it be injured designedly. It is simple of construction and is not liable to get out of repair.

My object in addressing you is to ascertain if you would give us your assistance to introduce this Invention in the United States. Of course you would be given a valuable interest in the Patent if you give us your valuable assistance. If you will take it into consideration we will send you full information. In the meantime I inclose you a short general statement of the way in which the Invention works on the Railways. Were it in operation we believe that Collisions on Railways using it would be very rare. If for no other reason we hope you will consider this Inventor's claims and if you are of the opinion it will perform all that is claimed for it that you will give us your valuable assistance in its introduction to use.

Trusting you will kindly favour me with a reply at your earliest convenience

I remain
Yours truly
Geo. S. Doyle

[ENCLOSURE]

The Electric Railroad Signal is a means of communication whereby Engine drivers can communicate to and with other Engine drivers before and behind as to their position, and also to Stations intelligence of their approach and receive therefrom statements of the condition of the line whether occupied or clear.

This is to be done by Electricity.

Signals are given to the Engine drivers by sounds on the Engines, one sounds being the signal of danger and a different sound of safety.

Signals may be placed at various points on Railway, distant a few rods or five ~~or~~ miles from each other, costing about $100 per mile. An Engine passing No 1 signal gives the danger signal and it so remains till the Engine reaches No 2 signal; then the driver gets signal safety or danger ahead; if danger he stops, if safety he passes on, giving danger signal at No 2 and safety at No 1 and so on. In this way the driver of an Engine following knows the track is clear between No 1 & No 2 signals and on reaching No 2, whether the first Engine has passed No 3 signal or not.

Drivers can in same way inform Station Masters of their approach and receive safety or danger signals from Static Masters.

On the signal sound is given on the Engine the driver is the first person apprised of any danger, and as fully and readily at night as by day

Washington
Oct 13, 78

John Ericsson

Ans'd Nov 4 78

Riggs House Washington D.C.
October 13th 1878

Private

Dear Sir

You may perhaps remember seeing me at the Lindell Hotel, St Louis and my talking to you about thermo electric batteries –

Your electric light invention induces me to inform you at the earliest possible moment and before my experiments are conclusive, that I have invented a Perfect Heat Engine in strict accordance with Thermodynamic Law and of extreme simplicity.

It absorbs heat at high temperatures – I believe that, in practice, less than a quarter of a pound of coal will develop one horse power. With an ordinary one horse power engine as used for steam we can develop from 4 to 5.

9 horse power.

I know that this invention is of vast importance in connection with the electric light and I am prepared to enter into further details — confidentially — on hearing from you —

I hesitate to trouble you further till you reply by wire or letter is at hand

Yours faithfully
John Gauger

A steam engine wastes 90 per cent of the fuel put into the boiler while my process will utilize in all probability over 80 per cent and waste only 20 per cent

My Heat engine is small, compact and absolutely safe.

Oct 13 78
Cape Vincent NY
Dr Martin Brown
and Oct 15 78

Cape Vincent, Jefferson Co. N.Y.
Oct. 13. 1878.

Thomas Alva Edison, Esq.

Sir:

I have been reading a very interesting account in one of my newspapers about your constructing an Electro-magnetic Engine for the purpose of successfully navigating the air. I have been working at this problem a number of years in spare hours, and, as you will see in the enclosed pamphlet, have constructed an air-ship with all the latest improvements, that experience has taught us to employ. All that is wanting yet to us is a motor of the right kind — an engine of your construction. I always preferred rather to delay building an air-ship, if I could not propel it properly, because a failure in such undertaking has always been detrimental to this art instead of furthering its progress. I do not need a very powerful motor at first, only an engine that could turn a grindstone, or such kind of machine that one man could

and in motion. Of course, if I could have two such stones alternately - and stopping, in rotation, while the other is going, this would be the "complete action" of the motor.

Engines of this kind and for this purpose should have 3 properties, they should be light of weights,

they should be compact, and

the batteries should be made so, that a sudden tilt would not spill the acid.

Please, inform me soon, if you could give us such a motor and what the price would be for one of them.

I remain, sir, most respectfully,

Yours

(Sgd. Martin Brand).

The Air Ship of Dr. Martin Braun,

of Cape Vincent, Jefferson Co., N. Y.

Patented in 1870.

[ENCLOSURE]

This air ship consists of four essential parts: 1—The balloon; 2—The car, with its balances and stays. 3—The propellers and elevators. 4—The motor.

1. The balloon has the shape of a pigeon egg, cut longitudinally into two halves, so that its one-half presents at the bottom a flat surface that surface when inflated. It is constructed in three compartments, of which the middle one is the largest. This is for the purpose of giving the navigators a better security against accidents (like the construction of our sea-going ships, built in several water-tight compartments). The long shape will enable it to contend better with the currents of the air, and serve to suspend the ship in a state of equilibrium with its whole equipment, on or near the surface of the earth, so that it will be always ready for use; being entirely gas-tight and always kept inflated, unloaded to the ground, so that when released it will find its equilibrium about 30 feet in the air. The flat side of the bottom from that point acts like a kite in ascending, in conjunction with the propellers in motion, and as a parachute in descending, enabling it to move forward on an inclined plane, if properly propelled. Everybody will see that this arrangement is on the principle of a fish, equipped in the water by the bladder, which the Creator has provided for its swift locomotion in a uniform medium—like airusing its tail as a propeller and its forward fins as inclined planes to guide the course. Over this balloon is thrown a net-work which holds the balloon to a light framework in the form of a Greek cross, having eight end points; around these points is fastened a rope to which this net-work is immediately tied. This cross is also immediately fastened to the top of the car, so that the whole of this structure is an unyielding, compact one, which is for the purpose of enabling it to follow the impulses of the propellers.

2. The car is immediately below the cross, as already mentioned, fastened to it immovably. The car has the shape of an oval box, 16 feet long, 5 feet wide and 7 feet high; and is enclosed all around with canvass having several small windows and two doors, one around on the bottom of it leads a small gallery outside the canvass, to enable navigators to go around the engine with safety. The canvass is tacked to upright wooden standards, shielding them from the fury of the weather. This car has samall windlass, to wind the ship down, after its grappling hook has hooked to a stationary object. It also contains a shelf for carrying the necessary articles and instruments: a thermometer, barometer, compass, time-piece, sextant, spy-glass, and speaking-trumpet, etc. On the two long arms of the cross (on the bow and stern) and underneath them, are two movable, metallic weights, which move forward and backward simultaneously on a rod, governed from the inside by the engineer. These are for throwing the center of gravity to the forward of the backward part of the ship—balancing it longitudinally. On the stern of the cross is also an oblour-like extension downward and a certain distance outward, on which is operated a rudder horizontally from the inside of the car—balancing the ship laterally. The bottom of the car rests on a cross, similar to the one on top, but much smaller. The eight corner-ending points of these crosses are connected by stays, giving the structure the necessary solidity. When lifted up, the weight rests on the bottom and cross beams below; the upper cross keeping the bottom or flat side of the balloon always extended.

3. On each side of the top of the car, below the flat side of the balloon, revolving horizontally in a proper wheel-house, is a wheel with four vanes, hung so that they rotate freely around their own axes, if not in motion by the mainspindl. These wheels combine two principles: The one is fostering and unfastening, propelling; the other is, elevating, so that both principles combined act like a large wing of a bird. The combination of these two principles, acting equally on each side, has the power to elevate the ship from the point on which she is poised in equilibrio—to raise it up higher with each wheel, independently from the quantity of gas contained in the balloon—having, so to say, the power on hand to add to or subtract from the carrying capacity of the gas—to enlarge or diminish, as it were, the balloon at will, according to the power applied to the wheels. This will dispense with the necessity of taking along a large quantity of ballast, and gives the aeronaute the means to let themselves down to the line of the starting line in equilibrio (which may be from 30 feet to one mile in mid air). If only the elevating principle on both sides is retarded or entirely suspended during the revolution of the wheels in their forward course—describing in its descent a large parabolic line, or causing a fall in mid air, the ship will go on the inclined plane underneath the balloon until it is down to the natural floating line. Both these principles may be suspended or retarded singly, or any two, or all of them at illshum. The action of these wheels can not be well understood without out they are seen and explained; it being a very novel and interesting mechanical movement. Wiltrench revolution of the main shaft the vanes of one wheel strike eight sixteen times, giving an aggregate of 900 strokes per minute, and four inclined planes on the top of the motor. The power is intended to be derived by a plan similar to that of the so called Lumpir Engine—namely, by exploding a mixture of hydrogen, or coal gas, and air in a cylinder beneath the piston, by the electric spark; and the supply of gas necessary for the purpose the inventor designs to extract from the excess carried in the two and compartments of his float. The mechanical details of the propelling mechanism are too complicated to be intelligently described without an accompanying drawing; but the principal features consist of a wheel on each side of the car immediately below the balloon, revolving horizontally, which gives rotary motion and pendulating to a number of propelling vanes—affording a sharp edge when no action is needed, and feathering them at the proper latitude, when the action is required. Over each of the vanes is secured an inclined plane, designed to aid in elevating the ship.

The Committee are of opinion that the plan of the inventor in developing a motive power, which does not add to our previously increase the weight to be raised, but obviating the necessity of the lifting, is ingenious and is a step in advance of any of the plans yet suggested for the purpose of navigating air ships. The construction of the balloon, and the mechanical arrangement for utilizing the power are novel and seem appropriate for the purpose.

The plan suggested is, in the opinion of the Committee, worthy of consideration for as much as the plan, which has lately been bestowed upon the performance of a balloon in France which in the opinion of the Committee was inferior in comparison to the one here under consideration, seems to call for such an expression of approval.

The Committee however are also of the opinion that the problem of aerial navigation will only be successfully developed by experimenting with the design of altogether obviating the necessity of the first, the great surface of which is even a feeble current of air can only offer a drifting weight for directional propulsion.

Sub-Committee { JOHN WISE, JOHN HESTER, FRANCIS H. RICHARDS.

By Order of the Committee.

D. SHEPHERD HULMAN,

Actuary.

Lastly, it must be remembered that the plan proposed in this invention is the very same one recommended by the British Aeronautical Society at its last session in, November, 1872.

on 40 feet.

13 from 0 to 20 or 30 feet

(X) or Bogdon Engine

This construction, considered as a whole, presents the principle of a large bird, equipoised on or near the earth, having a kite, parachute and balloon combined and fastened to it on the top; the movable weight outward and inward answering to the *head and neck*—to present a sharp angle upward or downward from its horizontal line of movement in the flight; the wheels acting as *wings* on the air—to elevate, lower, propel, stem, steer and hold the course; and the rudder at the stern, being its *tail*, to help guide and balance the ship in its course, laterally. The ship moves in a straight line when the air is still, and in undulations when there is head wind. Its weight, with all the equipments, will be about 1,000 lbs, to raise which is required a balloon of the above described form, equal to a spherical one of less than 32 feet diameter; and to illustrate how it stands with a balloon ship, if we reduce its bulk and increase the ascensive power by mechanical means, I will make this tabular statement:

We know that 1072 lbs ascensive power requires a 32 feet spherical balloon to raise three miles. or thereabouts

Ascensive Power.	Mechanical substitution lbs.	Balloon reduced by substitution.	Total required to ascend 3 miles.	Surface in square feet.	Cu'ctent in cubic feet.	To raise three miles.
1072	00	1072	32ft.	3217	17157	"
1072	44	1028	31	3019	15598	"
1072	90	982	30	2837	14137	"
1072	302	770	29	2642	12770	"
1072	511	561	26	2194	9203	"
1072	884	188	17	908	2572	"
1072	1000	72	13	531	1150	"
1072	1071	1	3	28	14	"
1072	1072	0	0	0	00	"

This little table shows us that, if we would substitute one-half from the given weight (1072), which is 536 lbs., of ascensive power by *mechanical* means, there would be necessary a balloon of only 25 feet diameter, to raise the other half up three miles. There would be a saving of 1354 square feet of stuff to make it, and of 8976 cubic feet of gas to fill it, to accomplish the same object; namely, to go up three miles,—besides having a directionary power in our hands. By these proceedings it would follow, that we shall overcome a contrary wind very easily, as the bulk of the balloon is more than one-half smaller, having besides, an oblong shape to contend with head winds in descending from a three mile height (if necessary to ascend so high), and having the use of propellors at that in lowering. And, if we could go on diminishing the bulk of a balloon and increasing the mechanical power, we would come at last to a level with the bird—dispensing with a balloon at all—and start from the ground, which would be perfection itself in navigating the air. Four things are therefore necessary to make progress in the air: 1.—To reduce the balloon to the *minimum* possible. 2.—To increase the ascensive power by mechanical means to the *maximum* possible. 3.—To propel on a *given* line by *proper means*. 4.—To apply such a motor as is not *dangerous* to men and ship.

[ENCLOSURE]

Holland.

Rotterdam 1 Feb 1888

To the Administrator of the
New York Herald
Newyork U.S.

Sirs &

Excuse the liberty I take to trouble you with a private business, namely, Will you be so kind to give me the exact address of the Engineer Edison, Inventor of the Monograph &c &c

The matter is as follows: since more as 10 years I had an idea there must be something invented, to make use of the sun or daylight to repeat that light when dark, I made some trials with a sheet of metal prepared in the way of Photographs, & other trials but without success, the reason is I am Merchant & without chemical knowledge.

Then I found in the paper Mr Edison has invented the Monograph: a man as Mr E. was the person for my idea, I wrote him at once in respect the repeating of daylight, recommended him to do what to do & as the communication in the papers are true Mr E. is succeeded.

As I wrote a second letter to Mr E. to ask him for the Agency for Holland of his Inventions on which I receive no answer it is possible Mr E. had replaced himself to another Town. Keep my friendly request to you please let me know I come in connecting with Mr E.

I shall be glad to be allso of service to you

I remain Gents
Yours respectfully
A. Verrips.

Balto Md Oct 15 78
W D Hartshorne

Brighton Md. Oct. 15th 1878

Rec'd Oct 17 78

Mr. Thos Edison.

Dear Sir:

Since your and Prof. Bell's discoveries in Telephony &c., I have been much interested in following out some of your experiments, with what means I had at command, but have not, as yet, taken any steps in new directions that amount to anything unless a method for producing a photograph at one end of a circuit of a person standing at the other, be so considered. It is in reference to this project that I would beg to trespass on your time for a few minutes.

The first idea of it was suggested to me by an article in "Nature" of last Spring, stating that it had

been found that the resistance of the metal Selenium to a current of electricity varied according to the amount of light which fell upon it, just as the resistance of Carbon was found by you to be affected by variations in pressure.

You have at once therefore the key to my invention. It will be needless to go into detail, for I have not had the means to experiment with my proposed apparatus. Suffice it to say, I think I have two methods which will accomplish the desired result. One requires expensive apparatus at the termini of ordinary lines, while the other requires a complicated line but more simple apparatus. Will you oblige me by stating whether your attention has been turned in this direction and if not whether you think it worthwhile for me to attempt to carry out my plans and most important of all, in what manner can I obtain the necessary means?

Yours very truly, W. D. Hartshorn

Brooklyn Oct. 10th 78.

Brooklyn Oct 10 78
Berg
Ans'd Oct 14 78

Thomas A. Edison
Menlo Park N. J.

Sir!

Since a few months I am occupied intently on the practical solution of a highly interesting problem, which, if opportunity is given to me to verify it practically, will be a valuable invention; as it will represent an apparatus serving the purpose to detect and develop the interior contents of the ground. Anywhere on the surface of the earth as well as in a chamber, tunnel or branche of a mine; wherever the apparatus may be applied, it will indicate the stratification, location, occurrence of metalls, metallic veins and ores in the interior ground; further, the direction in which the metallic veins

ness, the proportional quantity of metallic contents of the indicated veins round in the neighbourhood, (where more metal where less) in what depth the veins run, what principal mixture of minerals they are accompanied with, whether on a certain place occur noble or common metals, and if of noble nature, what kind of noble metal, all that will be indicated pretty surely and accurately by this apparatus, it will become, that may be presum, the most valuable instrument for mining; it will serve and work with great sensibility, wherever used on a solid ground on the surface of the globe, to detect the occurence of metals and their qualities in the interior grounds.

In consequence of various circumstances I am not able, to elaborate this apparatus to perfection and thus I take the liberty to ask the question, whether you would incline to take part under favourable conditions by giving me the opportunity for finishing the apparatus of this most valuable invention. About this matter in general and conditions of partnership, if convenient, I will to meet you personally and hope you will soon let me have notice, when and where I can see you

Respectfully yours truly

August Berax, Chemist
care of A. Knoop, Artist
100 Union Ave. Brooklyn E.D.

Watertown Jefferson Co N.Y.
Oct 17th 1878

T. A. Edison Esq

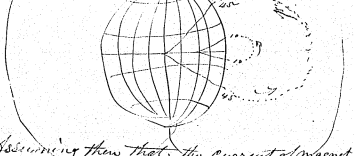
Dear Sir

Yours of Oct 8th in reply to my postal from N.Y. city came duly. Beg pardon in advance for taxing your attention with new theories but since you have opened channels untrodden by your predecessors I feel encouraged to rise & explain facts that have drifted me in the direction I am about to try & explain in 1st I assume that the Electricity of Dr Franklin by friction over a non conductor is not at all like the magnetism generated by battery for telegraphic purposes — as the latter is produced by the decomposition of metal by acid, and has its affinities with Hydrogen while the Franklin Electricity by friction has its affinity with Oxygen & is the author of Oxygen — to illustrate

Assuming we have a shower — the water falls on the Earths surface which is composed of mineral & hydrotic acids & mineral & mineral earths forming the battery of terrestrial magnetism which will decompose water by allowing the Hydrogen to ascend to little balloon & sighing vapour and the Earths surface absorbs the Oxygen as well as animals & are invigorated by it —

When the Hydrogen vapour arrises to a

to a certain height under certain conditions the Franklin Electricity gives it oxygen & thereby produces water which having specific gravity falls to the earth. Every flash of lightning is ~~some~~ nature's oxygen giving back to the hydrogen its proportions — Giving a wonder shown you must have noticed the increase of water fall after the lightning. Or to prove it in another way take a retort A with a given quantity of water put at the neck B. The retort set two pipes or tubes as wire passing down to the bottom but not touching — To the neck of the retort attach or lute on another retort B eight times as large. Apply magnetism of the battery to the wires and the water is all evaporated & in a chamber B remove the battery & substitute the Franklin electricity & the water is reproduced at A — Again take a needle pointing North & suspend a wire near it apply the current from a battery & the poles are reversed remove the battery & substitute Franklin electricity & the needle stands east & west — So I assume to call one east & west & the other N & South electricity. I assume that magnetism enters all North magnetic latitude goes to the equator comes out of south latitude & reenters the North hemisphere — Some Many years ago in Genoa I found infusorie (snow flecs) floating on a barrel of rain water I engineered to myself how they came there & they seemed dead though alive — so I placed some of them upon a pane of window glass and inside = ntally placed a magnet under the pane of glass — To my surprise in North latitude they stood on their heads — South = ern they stood on their heads. I came to the conclusion that they came from south latitude & were carried by the currents of Gulf = ic magnetism & precipitated here I applied to Dock Kane in his Arctic expedition and he brought me from between 70 & 80° N. the red infusoria identical with those of Patagonia



Assuming then that the current of magnet = ism of 180° N. enters the earth & reaches the Equa = tor goes out at south latitudes — so with 45° North it reaches earth's centre & goes out of south latitude. The currents entering & passing out of the poles gives the limit to our atmospheric (see sketch)

— Water is a conductor of Electricity so is electricity a conductor of water. The motion of the magnet from

Succession is caused by the motion follow-
-ing the drift of magnetism and by
rising up in South latitude gives the
reinforcements to the Gulf Stream

Now sir I fear this may not be the
kind of correspondence for you to
notice or answer but I consider
it a link in the chain of cause & effect
from my stand point of observation
that I hope may lead to unlocking the
treasures of electricity — This is only the
alphabet which I believe may lead
us to some crystalization as well as light
and sound & your reply is desired.
Hoping to meet you some time when
verbal explanations may prove more in point
than so long a letter I subscribe myself
Your friend Truly
D. Mintorn

Washington DC Oct 7 98
D Mintorn
No ans

Recd Oct 18 78
Henry Thomas
Ans'd Nov 1 78

Improvement on Pile Lighter 1.3

9 Lafayette Place
New York, Oct. 16, 1878.

T. A. Edison, Esq.,

Sir:

I hope you will pardon me for addressing you again, but I have an idea.

A Jablochkoff candle ten inches long burns 80 minutes. I have devised a candle — theoretically — which will last one hour for each inch consumed; and, unlike the Jablochkoff, will require no commutator — if that is the name. I would wind the carbons in a spiral, impedded in kaolin as equivalent, positive carbon on the outside. As the positive car-

lion consumes twice as rapidly as the negative, by making the outer spiral twice (or as near it as experiment would determine) the size of the inner one, they would consume in about equal time.

As experiment alone will decide the value or uselessness of my device, and as I have no means of experimenting I offer the suggestion to you. If you think it worth trying, please do so. Should it prove a success, of course it would be a valuable article at the present stage of progress in lighting by electricity.

Respectfully yours,

Henry J. Thomas

33 Lafayette Place
New York.

U. S. Patent Office,

Washington, D. C., Oct 9th 1878.

Mr. Edison — Dear Sir.

I am not acquainted with any published accounts of successful attempts to diffuse electricity, but you will find that gold leaf on a non-conducting surface will enable you to divide and control the passage of the fluid, as the metal surface is so thin that it will be forced out of its favorite concentrated passage, during which time it may perform the office of giving light at separate points and then be come united again in its onward passage.

I am quite confident that the quantity of the fluid can be controlled by the length, breadth and thickness of the gold foil sheet

U. S. Patent Office.

Washington, D. C. 187

Please dont consider me presumptuous in the suggestions, but I am so proud of your success, and so hopeful of the results from your present efforts upon the Electric light that I have taken the liberty to make this suggestion.

Very truly Yours
O. W. Clark
1482 Corcoran St NW.

Washington
O. W. Clark
Nov.

Freehold Oct 21
Fred a Perrine
and Oct 21 78

Freehold N.J.
Oct 21: 78

Mr. T. A. Edison,
Dear Sir
I am a boy sixteen years old in moderate circumstances. When M. Jablouskoff's electric candle came out I became interested in electric lighting and have continued so ever since, but have never been able to try any experiments on that subject by reason of the cost of instruments for generating electricity. Is there any magneto-electric machine which I can make with

little cost which will give enough electricity for a light? Time is no object with me if I only accomplish my object.

If you have time to describe such a machine as I spoke of, or can tell me where I can get a description you will oblige me very much.

Yours

Fred. A. Levine
Freehold
N.J.

Wilbraham Mass Oct 21/78

E C Kelsey

Ans Oct 23 78

Wilbraham Mass.
Oct 21 1878

Mr Thos. Edison

Dear Sir.

I would not take the time of an inventor who is doing so much for mankind, but that a train of thought has occurred to me which possibly has not come to you, although I think it quite probable it may have done so.

Of I understand the Phonograph from descriptions which amid my other work I have been obliged to read rather hastily, by its membrane it causes a pointer to trace on tin foil in a spiral groove peculiar characters which answer to the form of vibrations for each consonant and vocal sound.

My idea includes magnifying them and putting them into soft metal or hard as may prove best.

Have these characters been copied off and made into type, indented or raised so as to cause a corresponding indentation. If so could not pages or rolls be printed which could be put upon the Phonograph cylinder and thus be read aloud to the blind or sick. Again as the intensity of the sound is caused by the amplitude of vibration and this amplitude causes deeper indentations could not these type be made so as to impart very vigorous vibrations to the membrane and thus read very loudly in cases where this would be useful, as to the deaf, or in lengths take the place of the stentorian reading clerk. You with your genius and mechanical knowledge can much better judge whether these ideas are valuable and new.

and if so work them out in proper mechanical form. I will be much obliged, however if you will have the kindness to email me the enclosed card letting the word valuable stand if the ideas are as adding not, or not new if either be the case with your signature.

Yours Very Truly
Edward E. Kelsey
Director of Music
Mahogany Academy

A fellow Bishop from Sp[illegible] Co. Send your nature & Co.

File for Book

71 Broadway. New York.
October 22, 1878.

Thomas A. Edison, Esq,

Dear Sir:

You will pardon the liberty I take in addressing you, an entire stranger, but I ask neither information nor time.

If you use the figure of diagram or arrangement of lines, which I send herewith, in the right way, & I know no one who can do so better than yourself, it may be of some advantage. But I beg of you not to try any experiments in the nature of difference of arrangement of the lines.

It is, among other things the natural plan of arrangement of magnetic lines, as you may easily prove in your wonderful electric workshop, the only condition being that the battery be properly arranged

and that, again, must be left to you: thus: take a circular magnet (2.8) 2.8 inches in diameter, (that is to say a circle of soft iron becoming a magnet while current in motion) attach the poles, having put over the iron a piece of paper: pass the current through and iron filings thrown against the paper will assume the arrangement of the figure enclosed, not of course in absolute straight lines but in the curved lines always found in such cases.

This may not be new to you. If old, pardon me for intruding.

But further, this figure is applicable to sound and color by means of the harmonic and diatonic scales. This of course you are competent to find out and apply yourself far more than I.

It can also be projected upon salt, and mercury.

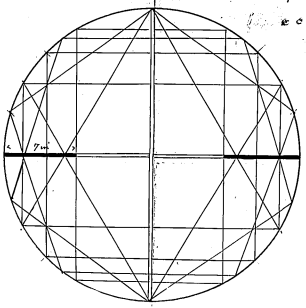
It is my hope, if not old to you, that it may be of some use to you in your investigations into the laws of sound and color.

I send also the names of the colors ~~to~~ belonging to each part of the figure.

Very respectfully yours,

William D. Wade

There are inaccuracies here due to the compass.



△ red, ▯ blue, □ green, ⬠ orange or shade and an enclosing square also green.

The upright diameter white.

The ⬠ has its diameter drawn also.

No reply

Unauthorised
Unknown

NHOHN

177, 179 & 181 Fifth Avenue.

JNO. F. CRAMER, Prest.
C. E. STRONG, Manager.

Chicago, Oct 22nd 1878.

Prof. Edison

Dear Sir:

Allow one to make a suggestion. Why cannot Electricity be used as a head light for locomotives. The steam around it over the ~~motor~~ generator would be just a small item, while the advantages of an electric light over the light now in use would be immense. I have been figuring on the thing for some time, but Pshaw! what's the use? when that is what you were created for. If the idea is new to you and you think it a good one you are welcome to it for nothing if you please.

Yours Truly

F. D. Kain.

OFFICE OF THE

American District Telegraph,

11 ARCADE,

Rochester, N. Y., Oct 23d 1878

Thos. A. Edison Esq
Dr Sir

Enclosed please find slip cut from this evenings Union and Advertiser - If you wish any inquiries made would be pleased to make them

Yours Resp
C. A. Redman

[ENCLOSURE]

A Blind Electrician Among us—Important Discoveries.

We have just learned that our townsman, Robert H. Fenn, who has been blind for many years, in consequence of an explosion of chemicals, has recently invented an electrical stop-cock, which for simplicity and efficiency cannot well be surpassed. This little instrument consists of the screw, the end of which is plated with platinum, and made to press upon a small disc composed of carbon, or some metallic powder. By merely raising or lowering this screw, thus varying the pressure, the strength of the electrical current can be correspondingly varied to a sufficient degree for all practical purposes.

In connection with this stop-cock Mr. Fenn has also invented an electrical meter, which, although not quite as simple in construction as that, promises to prove equally efficient. The object of this apparatus is to measure and record the total amount of electricity passing over a wire during any given time, however great the irregularities of the current may be. In this instrument Mr. Fenn has utilized the same property possessed by carbon, metallic powders and some other substances of increased conductibility under pressure that he had employed in his previous invention. It may be well here to state that Mr. Fenn claims to have discovered this property of carbon as far back as the summer of 1878, but refrained from publishing the fact, modestly taking it for granted that previous experimenters could hardly have failed to take notice of so obvious a peculiarity.

In the discovery of an electrical meter Mr. Fenn appears to have surpassed the great electrician, Thomas A. Edison, who having recently devised a means of adapting electricity to illuminating purposes, and thoroughly demonstrated its practicability, was at a loss to furnish any process whereby it might be measured out to individuals. In an interview instituted by a New York reporter the other day, Mr. Edison expressed the opinion that some method of measuring electricity might be discovered, though he admitted that he had serious doubts whether it could be accomplished. He stated that it was the intention of the company at present to charge so much per light whether it was used or not. So it seems that our unfortunate townsman has met with a little good fortune in anticipating the great inventors in the discovery of several important electrical appliances.

—Army of Art

M Roffner
Just only can's out the 78

New York 25 Oct 1878.

Dear Sir.

In yesterday's Evening Telegram I read that the Franklin Institute and one Philadelphia scientists have very different views of yours on electric light.

I beg to call your attention to the probability of cheap diamond offering the most rational solution of the problem.

You said to somebody that you have in your laboratory the substance or the substance out of which diamonds will be artificially made and I dare say therefore there several chemical compounds that treated in the right way will yield crystallized carbon or diamond.

Some days before Mr Kruger thought fit to speak to me in a manner which I shall never bear from any body, I thought to speak to you about experiments a friend of mine and I had made for producing artificial diamonds.

On the very same day on which Mr K. made me feel his authority in such a cowhed manner, I should have spoken to you about it.

There were several considerations that kept me from mentioning this matter to you.

All the time I was at Menlo Park I felt weak and depressed, you had such a low opinion of college chemists and I had had no success in the Silicium and Tellurium experiments. How could you believe in my being able to crystallize carbon?

Years ago I proposed to a friend to make quite a series of experiments with a view of crystallizing carbon.

Before I made that proposition I most carefully and thoroughly studied the chemical and physical qualities of about 300 substances, elements and compound bodies.

The melting points and boiling points of these bodies, their specific gravity and specific heat were and are highly important matters for the crystallization of carbon. The heat evolved by many of these bodies when uniting with others and the heat absorbed by many of these substances when decomposed were also to be considered.

I did not confine myself to study all these things in compilators works as „Gmelin" „Watts", Liebig's chemical works and dictionaries. I went to the sources of investigation, I mean

4/ to say to the original sources.

I went to the conclusion that there is not one but that there are many ways of crystallising carbon in the tetral system (diamond).

I proposed to my friend to divide the experiments in two lots taking the dangerous and difficult ones for me and leaving to him who already was consumptive, the easier ones.

I had explosions and had a very very narrow escape from being slain by a heavy iron tube that had bursted in a bath of chloride of zinc. In consequence of this I had to stop my experiments the landlady being afraid I should blow her house up.

My friend was successful in the experiments I had imagined and proposed him. He sent me two very small, but distinctly crystallized

5/ carbons, when he sent them he was very weak and could no more work. He however could not keep off the laboratory, he tried to work again and unknowingly inhaled some of a very dangerous gas used in our process, dangerous I mean for people that suffer of lung diseases. He had blood cough went to bed and never rose from it.

I myself became sick soon afterwards and had enough to do to earn my life.

In Europe I did not want to speak of me and my friends diamond experiments to anybody.

After having left you I adressed myself for several

commercial houses, that might take an interest in the physical qualities of diamond (its hardness and great magnifying power.)

One day I received a letter from a New York Jewelry-Importer asking for an interview with me.

I stated to him, what I told you about my frends and my own experiments.

I further stated that in a chemical (scientifical) laboratory, I could prove my ability of fin diamond-making for about 300 dollars, that if the thing had to be done at home it would cost nearly $1000.—

Of course I should not tell any body in the laboratory what I wanted to do ultimately but induce them to think that I wanted to do or make some highly interesting scientific investigations

(of the same)

with some or on some rare compounds. I must prepare for my purposes.

The form or rather its chief has decided upon giving $150.— for the experiments and the letter tried to induce others to put in the same sum.

To-morrow I shall probably know whether the parties I last spoke to in the office of the importer will go into it.

In the case of their not doing so, would you take sufficient interest in the „test of phosphorus" (Gmelin at the head of the page right hand) to put any thing that is to say any money into it?

At your laboratory the thing cannot be done for the following reasons

as there are constantly coal particles suspended in the air.

8/

* the building is shaken by the movement of the machinery as well as by strong winds and any shaking is unfavorable to crystallization.

** (your laboratory) has not the means for quantitative analysis and certain other apparatus which scientific laboratories are found to possess are wanted.

I think I could induce the importer to put in $200 — if anybody else would join with $100 —

I do not ask you to take portion it, if however you would, I should be glad.

If you think the thing worth while your consideration, you might write me when and where we could meet. History tells of cases in which one inventor has not realized the merits and importance of another's. However that may be in our case you will have artificial diamonds

from yours truly

No. 261, South 8th Avenue (Sell exc - 8th Ward) J. Ruffner
near Grand Street (off Sebrelli)

Conn
Southford Oct 28 – 1878

Prof. Edison

Dear Sir

Having one strong desire of my mind which I have set my heart upon I have concluded to lay all my plans before you. My purpose and wish is to start a village or City for the purpose of an entire new plan of education, one where all whom are brought up may have honesty and morality so strongly instilled into their minds and understanding that they will be apt to regard their training with they live. Now all that I wish is some one like yourself to join in and help me we have the proper locality to commence such an institution the site is not exceptionable we are located upon high healthy ground with have soft water in abundance we have a hundred and sixty acres already paid for. Now I wish to start a village in your name either Mount Edison or Edison City or Edisonville just which you like best. I precieve that you are the coming millionaire it will not be long before money will flow in upon you so profusely that you will be happy to use a portion for philanthropic purposes I am anxious to be the first to give a renown to your generosity. Now if you can see it in your way and mind to let me have a few thousands, say perhaps ten or twelve within a few months, so we can get some young men to building and start a branch post office in your name for there is no office within 3 miles so one is much needed. Thus furnishing employ to some of the almost idle hands I am so situated in my family that

I can have all the necessary help to go on with building &c The place is sightly and very beautiful for such a purpose there is quite a nice stream of water running through one part of the farm suitable for fish raising and water power We are surrounded by old farms that are not half cultivated which can be bought very low and put to good purposes Now I purpose to bring up one child with every thousand dollars that I recieve out of which I mean to form a society of ingenious minds by training each mind to whatever is most developed therein Also form a religious society that is not creed bound I mean to start the first realy free free place of worship where every one will be allowed to worship God according to his own belief without conforming to the oldweedy worn out ideas of others I believe in bringing out all the tallents that God has created And have all lighted with Edisons genious I think if we can only start one institution of the kind others will follow Please do not think this a premature plan to obtain money for as I not I have been working to bring about something of the sort for several years and I have some noble congenial friends ready to assist if I can only once get the right start Now please do not think this by without a thought but just consider it well and give me your opinion if nothing more If you are not the right man tell me if you can who is and quietly decide a business mind I will answer if part upon reply Yours Truthfully and Respectfully

Sylvia E Burr

P. S. Please read Luke 3 chapt 11 vers
I have written a small book which explains some
of my ideas which I will send to you free
gratis if you wish I will wait for your reply before
I send it I have another object for you to
use your genious upon when you have finished
what you have already commenced

I will bind myself to bring up children that
are born to you will only be helping the
poor and paying up treasures in heaven if you
grant my request. yours &c S. E. B

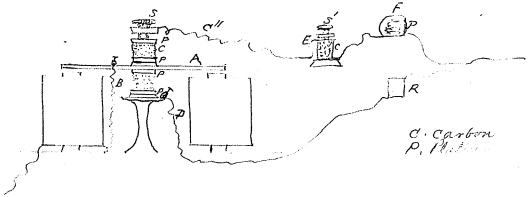
Direct to Mrs S E Blun
Box 7 Southford
New Haven Co
Ct

Southford Conn
Oct 28 78
Sylvia E Blun
Ans'd Nov 4 78

Nashua N.H. Oct. 28th [illegible]

Prof. Edison

Some time ago I forwarded to you a sketch of Electric Governor, as I received no reply I took for granted you were too busy. I was anxious to send to you by a prominent Electrician. I wrote to Proffessor Barker and stated its adaption to the Electric light but omitted to Explain to you the full particulars— I am confident if you use quantity instead of Pressure that this instrument will not only regulate quantity current but using a number of resistances on one wire



The Electricity passes through magnet thence through wire D to armature A and divides likely a part goes through C" to light and part going through D in other words I shunt the wire and, other place in D the Shunt a Resistance or have the Shunt Equal the resistance of C" to light E to adjust light it is Evident that all the Electricity will pass by the Shunt on to the light also with part through C" less loss by radiation you can adjust the light as you choose by combining the E & R in one instrument where you increase the Resistance in D & diminish it in R it would give the Current Constant they can be made for any quantity of Currents by only letting amount of Current pass through the unit, sufficient to cover any variations in such a case probably would have to alter Commutator it can be modified & Constructed so it would not cost as much as an ordinary meter needing but one for Each House using Shunts I think you will understand — I have now making an Electrical Generator on a totally new basis or principle in which I

3

am well satisfied I can Generate as much Electricity with 1 Horse Engine as can be done with 10 Horse with any other mode in Existance I would be pleased to have any Encouragement from you, you may condescend to give I hope you will be bored to death and beg your pardon for troubling you

I have the honor to be very Respy
Your Obt Servant
Winslow P. Cayne

P.O. Box 564 Nashua Hillsborough Co.
New Hampshire

North Vassalboro Maine
Oct. 31st 1878

Prof. Edison
Menlo Park N. J.

Dear Sir:

I know you will pardon the liberty which I take in addressing you when you have considered my object in doing so.

Many eminent members of the profession to which I belong have for some time been engaged in investigating and discussing the question of the Galvanic & electric currents in the mouths of persons who have ~~[illegible]~~ the cavities of decayed teeth filled with dissimilar metals which

an end for that purpose.
The practical part of the subject is that these electric currents cause the gradual wasting away of that part of the tooth with which the metal is in contact. Now I have everything arranged for conducting a series of experiments except an instrument for measuring or detecting the existence of the supposed electric or galvanic actions, and I write to ask you if there is any instrument in existence which will detect this action and what it is called and where I may procure one?
Of course it must be very sensitive to electric action or it will not detect so delicate an action as is supposed to exist here

North Vassalboro Me
Oct 31. 78

Dr A. E. Williams
Russ Nov 6 78

You will confer a great favor not only upon me, but upon the whole dental profession and the public at large by any suggestions which you may be pleased to offer. Our appreciation of which will be duly acknowledged in the report before the next convention

Very Respectfully Yours

A. E. Williams
North Vassalboro
Me

P.S. I would be pleased to have you write me a few lines of your mind on the subject at your leisure

Yours truly
A. E. Williams

First National Bank of Saint Peter.

Wm. Robinson, Pres't.
J. S. Trowbridge, Vice Pres't.
E. R. Moore, Cashier.
J. C. Trowbridge, Ass't Cashier.

St. Peter, Minn., Nov 1 1878

T A Edison Esq
Newark N J

Dear Sir:

I know you by reputation only; but conclude that it is enough for business & so proceed. The objection to Arnolds & other writing fluids is their pale color when first used. They flow nicely, are very permanent & when long exposed, a fine clear black. Cannot the chemicals or the paper be so treated as to cause an instant change or better still cannot the an ink be made that shall be black, first and always? There is a demand for such an article & I write to suggest that you make it the subject of some experiments. If you can overcome this difficulty I should like to make some arrangement with you to introduce it, believing that it would be mutually profitable.

Yours Respy E. R. Moore Cy.

P.S.

I enclose you some slips of paper. The writing on each was with Ammonia Fluid. You will notice that the Coarse paper was the sooner to show a change of color — perhaps because the oxygen of the air had more ready access to the iron of the ink.

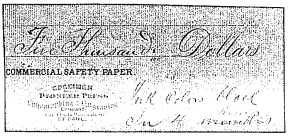
ERM

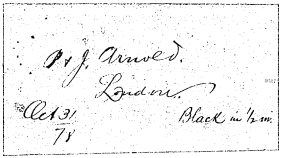
St Peter Minn
Nov 17-78.

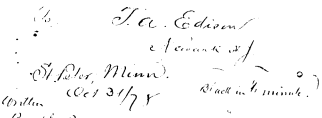
E R Moore

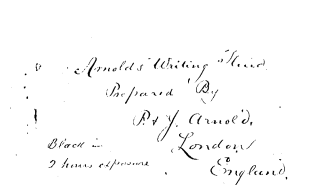
Ans'd Nov 11-78

[ENCLOSURE]


Ten Thousand Dollars
COMMERCIAL SAFETY PAPER
SPECIMEN
Black in 1 min.


Pt J. Arnold.
London.
Oct 31
78
Black in 1/2 m.


T. A. Edison
Menlo Pk
St. Peter, Minn.
Oct 31/78
Black in 1 minute.
Written
By E. R. Moore


Arnold's Writing Fluid.
Prepared By
Pt J. Arnold.
London
England.
Black in
2 hours exposure

Fulton Iowa Nov 7th 78

Thos. A. Edison

Dear Sir,

In view of the fact that an Electric for charged will attract a light substance such as Lint Cotton, Would you please give your opinion as to whether this attraction would be so far developed as to draw cotton from the Bell

We ask this in connection of an Electrical Cotton Picker — An answer yes or no per Postal Card

Fulton Tenn
Dec 7 78

will much oblige
Yours &c
C.W. Dealton

Fulton
Lauderdale Co
Tennessee

(W.H.)
Dec 9 78

Disco Mich Nov 4 -78

James P Lawson

Yes and
a Physical Idea

Disco Mich
Nov 4th 1878

Mr Thomas A Edison Inventor
Sir

Certain circumstances having suggested to me the possibility of transmitting images by means of an electrical current along a wire so as to reproduce them upon a sensitive surface at the opposite end I desire that you should conduct a series of experiments to that end as I have not the facilities nor the means to procure them with which to undertake the test: Should you deem the idea here suggested to be worthy of your attention I should be glad to hear from you and

if the result - proves successful you will readily perceive that the use and benefit of such an invention would be incalculable. Believing that I may confide in the honor and integrity of one who has gained such marked distinction in the world of invention I entrust this thought to you in hope

Very Sincerely
Yours
James S. Lawson

Disco Macomb Co Mich

Byhl
North Wales
Nov 5 - 78

John Colley
Recd Nov 18 78

5 Electrician Terrace
Rhyl North Wales
United Kingdom
5 Nov 78

Dear Sir

I see the electric light is now producable by passing the current through a carbon point against a flat surface.

May I ask if you have ever experimented on passing the current from a carbon point to a flat surface of Kaolin or other porous substance saturated or moistened with Benzoline?

I congratulate you on your success in bringing Electricity

to bear beneficently on
the amenities of existence
in so many ways.
Obviously railr.d trains will
soon be lighted by electricity,
& the universal brakes
worked by the same power.
Do you happen to know, when
a wire is strained, if its electric
transmissive power is increased
or diminished according to the
musical note it is tuned to?

yours faithfully
John Colby.

Boston
Nov 7-78
E. M. Stevens
Ans Nov 8 78

Boston. Nov 7. 1878

Mr. Edison Esq

" " Dear Sir

I am an inventor & invented a Shuttle Spindle. and Patented it in the U.S.A. and G.B. the U.S.A. I Have nothing to Describe as it is in a Company here in Boston. But I have The English. and I Have a Root a hundred Shuttles a Running over their. with the Sewing Sucks as here. and I Can Show you that they are Making a Net saving of 45 per Cent over any other Shuttle that Ever run in a Cotton Factory. You think of the Millions of Looms there is. and if we only get a Royalt

of fifty Cents per Lawn
for 7 years there is a large
Amount of money. It is
a perfect Success. Now I
Have not got the means to
Pay the tax or Extension
on the English Patent. Now
if you will Cause it to be
Paid I will Give you a
Clean & full assignment
of one half of it. and full
Power to Manage the hole.
I Can prove to you all I Says
and for Reference there is the Hon
Joseph H. Adams. Amos E. Wood.
I have just received a letter
from a Man in London saying
that it a great Success. the 24
of this month it will run
out if the tax is not paid $2.50.
Morgen. Brown & Co are the
Patent attorneys that Obtained
The Patent there is not
much time

Hoping to hear from
you at once and if all is as
I say that you will take it

Truly

E M Stevens
62 Sudbury St
Boston Mass

W. B. BARD,

DEALER IN

Books, Stationery,

WALL PAPER, ETC.,

Mercer, Pa Nov 8 1878

Thomas A. Edison

Dear Sir:-

Whose "Chemistry" would you advise me to use - as a text-book.- I have a good common-school education, & a slight knowledge of chemicals & electricity. Respectfully

John W Sykes

Thomas A. Edison, Esq.,
Menlo Park
New Jersey.

~~For analysis, use Fresenius~~

Use Wm Allen Miller's Chemistry

Orangeport New York Nov 7/78

Thos A Edison Esq —

Dear Sir

I have been for some time making experiments in regard to cheapening the cost of refining silver ore, there is money in it if it can be done, I have not yet had the success that I could desire but think that I am on the right track, I would like to see you and submit the scheme to you, can I see you some time soon at Menlo Park in regard to the matter? I believe that we could make some arrangement in the matter that would be profitable to both,

Asking your pardon for the liberty I have taken in this matter of addressing you

I remain

Very Respectfully Yours,

Jas. E Chaffin

Address
Orangeport
Niagara Co
New York

I am a young man and if I could make some arrangement for conducting the balance of the experiments under your direction I believe that we could arrive at a good result, I know

Boston Nov 9-78
J W Herring
Ans Nov 11 78

Boston Mass Nov 9th 1878

Mr T. A. Edison

Dear Sir: I have considered what you said in relation to obtaining water power at, or in the vicinity of Virginia City. The water supply in the Canon over the last summer was inadequate and then the mill companies so control water that it would be difficult to obtain the use of it.

The Water and Gas companies are so connected that it is not probable the power could ~~[illegible]~~ be obtained of them even if the water supply afforded it.

The water power, amply sufficient, can be obtained

by going away the distance of 15 or 18 miles. Would that distance be an objection, further than the extra expense of making the necessary connections? If not, then the question of power is settled, for it can be obtained outside of all the rings and combinations of the water and gas companies.

The more I think of your proposition, the more I see in it, and the more I am pleased with it.

Please answer this and direct to L. A. Herring
P. Boston
Mass
Care of J. C. Thomas
103 Chestnut Street

I shall wait to receive your answer before going to Th... It might be best for me to make a short visit or perhaps defer it for the present, and return to Virginia at once.

Yours very truly
L. A. Herring

Oswegatchie N.Y. Nov 12

T. A. Edison

Dear Sir,

I am greatly obliged at least for your prompt reply. You did not keep me waiting. I am going to try and get my reductive scheme tried by parties that are in the business in the West, I don't give up. With great Respect

Yours D. E. Chapin

Red Bluff Montana Nov 12 78
C Hapgood
No ans

Red Bluff Montana Territory
Nov 12th 1878

Thomas A Edison Esq
Dear Sir

Your inventive genius in these parts is surpassed to to surpass all others, therefore I take the liberty to write you thinking perhaps you might turn your attention to a case of great importance, providing it can be made to work. It is for mining purposes I call your attention. I am in a mining locality & own a rich gold mine, but am unable to work it successfully on account of water in the shaft at a depth of 70 feet have a skim on it but cannot work the mine short of 30 to 35$ per day expense & then have to take chances of its size & continuous richness

Now I want to call your attention to this. Why could not a building be put up over or near the mine &

constructed as to be made as near air light as necessary, more especially near the bottom, with holes on the sides that can be opened or partially closed as needed. A wind mill of light construction to be placed inside, so that the cold air rushing from the outside to the inside against the fans that would give sufficient power for hoisting purposes.

I think if there was no wind perceptible by heating the building inside quite hot a sufficient quantity of cold air could be brought to bear upon the fans of the wind mill to hoist & work a mine to good advantage when there is apparently no air in circulation. Greater heat must be the heat inside which would of course make the cold air rush from the outside the strong-er

If you can get the power I think you can, you can make a big thing out of it

All I would expect about your success in the invention would be the privilege of putting up one for myself after you make the discovery

Please answer me soon & let me know what you think of it

& much Oblige yours &c

C. Hapgood
Red Bluff
Madison Co.
Montana
T.M.

No 1

NEAREST HOTEL TO THE DEPOT.

CITY HOTEL,

A. T. HUGHES, Prop'r.

Board per day $1.50.

Montgomery, Ala. Nov 15th 1878

Mr Edison Dr Sir From time to time I have noticed with a great deal of interest the inventions which you have produced and with such seeming (to me) great effect, and I am glad that you live in a portion of the Country where science is appreciated and where there are persons of means that are willing to take hold and assist true merit.

I am either one of the lucky or unlucky inventors. Forty seven years ago when I was but Thirteen years of age I invented what I call now the Pneumatic Motor Reservoir. I showed it to my Father and he says what are you going to do with that? I told him I should some day carry the mail. Propel cars and apply it as a power for propelling Machinery &c His answer was it is Certainly a very nice

machine and works well, but it is too soon the model is not ready for it. I laid it up the next year & went to learn my trade as Piano & Organ Builder firm of Robt. Williams Nunns & Co and served my seven years and then started a factory at Louisville Ky and still working at my Motor at intervals. I sold out my factory & went back to Charleston in '58 the war came on in 61 I lost everything in Charleston by fire, afterwards had my Plantation destroyed and everything worked up and me left out in the cold.

Moved I went to N Orleans and to Texas to revive. I came here last year thinking it was my last chance, and now the only thing I have to show in my Motor I went to work and put up a different one. Everything worked admirably. I represented the Causing the Mail & Cars The Telephonograph for the transmission of messages without a wire - also attached a circular saw to show that it could be applied to machinery. The model is not 6 in square and I can put 500 lbs

and with

No 2

Montgomery Ala Nov 11 78

NEAREST HOTEL TO THE DEPOT

CITY HOTEL.

A. T. HUGHES, Prop'r

Board per day $1.50.

Montgomery, Ala. _____ 187

A Committee was appointed of the most scientific men in ala to investigate it and they pronounced it to be a great me-cus & thus saw it and done the same the papers turned against it quite —

Now the great trouble here is, the people are willing to assist me in getting a Patent. But they have no means — The Jews are the only ones that have money but you might as well get water from a dead man as to get assistance from them —

I am as poor as Job's turkey and would like to ask of you rationally to assist me in getting some good reliable business man to take hold of this affair with me. There is millions in it — I can put up a Reservoir in any town or city that will run all the

machinery in each town or city and it can be used in every house for sewing machine, washing, grinding into corn meal &c Sawing wood &c Sixty feet Reservoir for every 200 000 inhabitants wire rope a Ten horse power Engine to keep up a vacuum — or in other words to be applied to the pumps — The Reservoir does all the work through the machinery inside of it — It can be used on Plantations for Ginning Cotton, Sawing lumber &c 12 feet Reservoir sufficient for any plantation or Farm and one man can operate it. So you see there is no Expense after the Reservoir is once put up and will not exceed $200-00 — My object has been and is to get Congress to make an appropriation sufficient to put up the Pneumatic Machinery between Washington & Baltimore, & can carry the mail between those places inside of three minutes — Our Senators & Reps from this State have promised to give me all their assistance in Congress — Please let me hear from you soon, you shall be handsomely remunerated.

Most Respectfully, A. J. Buckley Care A. Somers
Montgomery, Ala

[ENCLOSURE]

The Greatest
INVENTION OF THE AGE!

PROF. BULKELEY'S

Pneumatic MAIL Reservoir!

For carrying the Mail and other matter at the rate of 1,000 miles, more or less, an hour.

For Propelling Cars running on polished steel plates, lubricated, from 100 to 1,000 miles an hour.

The Ælophonegraph, for the transmission of Messages instantaneously without a wire.

Bankers, Brokers, Mercantile Associations and others, can have their own mail-box locked and sealed, so that no person can have access but the parties concerned. [redacted]

PIANOS, ORGANS, &c., Repaired and Tuned by A. J. Bulkeley, Piano and Organ Builder.

Pianos and Organs made as good as new at a small cost.

☞Pianos, &c., Repaired and Sold on Commission at my own risk. Second-hand Pianos bought and sold.

[redacted] MONTGOMERY, ALA.

(Smith, Allred & Boyd, Printers, Montgomery, Ala.)

Prof. Bulkeley Care A. Roemer 47 Monroe St. Montgomery Ala.

[ENCLOSURE]

Mainz, Germany, November 12th 1878.
Neutherstrasse 22.

Thomas A. Edison. Esqr.

Menlo Park. New-Jersey.

Dear Sir!

You need not my compliments about your inventions. So I go in for a question. —

After much experimenting, since 1867, I think I finally solved the problem of a magneto- or dynamo-electric machine giving a perfectly continuous current, — directly, without the aid of any of those appliances which serve for the aggregation and commutation of the single impulses of the present machines.

This solution remains questionable as it depends on a fact which never some, what elder has been examined as to its real causes. — The experimental investigation to

I. clear the case would be an easy task for every one in possession of the usual instruments. —

In other way more effective to solve the problem required the discovery of some new facts. With a mind similar, on a small scale, to that of Faraday I saw some probability of perfect separation of magnetism — in analogy to electricity — the general

II importance of which I need not detail. I undertook a long and repeated experimental research on this question. These experiments giving in the one direction nothing but negative results, opened new views of a character perfectly well defined and now promising the very best results. — To state, by rather simple experiments, the positive value of these views would be very easy for every one having the usual apparatus and some ready cash at his disposal.

Unfortunately I lost every means. To finish my work, within the usual time of life, I see no other way than looking out for an interested party endowed with the necessary intelligence, experience, and last not least with some money for trying and carrying out the project, and for making something out of it.

In Germany, the initiation on this field is almost a monopole the owner

(1)

of which has tried me rather much since 1858. He is out of question. The small business men are wanting in knowledge and enterprise. The men of science are intractable in affairs of business. They declare my object most interesting but have no time, or neither instruments nor money.

I therefore went to Mr. J. Alfred Varley, Hatfield, England. Prospects seemed rather good. The end of them was the reverse.

As to point I he wrote:

„I have carefully considered the contents of your letters and after giving them much „thought I am really very sorry to say I do not see the elements in them of a practically „useful machine." — And his reason is: „The amount of electricity has relation to the „intensity of the causes tending to bring about a disturbance of the magnetic polarisation and consequently the more sudden and intense this influence is the greater „the equivalent of electricity obtained and the more economically it is produced."

Now, do you consider this to be a sound reason? Will any influence of any intensity applied as sudden or momentary act at more economically than applied in constant action? — I must remark Mr. Varley did not mention the fact referred to, neither doubt its substance nor my application. I therefore am inclined to believe he misunderstood me.

As to point II he wrote:

„The other communications and sketches you have forwarded partake more of the „nature of suggestions for scientific research than the details of a proposed dynamo „electric machine. — I should not be able to test your views without the expenditure „of money and time and this under all the circumstances I do not feel justified in doing."

I knew the man of business prefers consuming, after some digestive preparation in some style, the chemists the man of science has taken from the fire of research. There are but few such men of business liking earnestly to undertake researches for practical purposes. However, Mr. Varley's first letter led me to believe him to be a man of this latter style. —

Now, my dear Sir, would you not like to examine the matter wether it be worth to be taken into your most successful hand?

Of course, you need not be fed by other peoples ideas. — But the possibility of this one being of the most important consequences may excuse my offer.

As Faraday on a similar occasion still floating, wrote to me: „New ideas from a speculative turn of mind, as guides for experimental research to certain clearly defined purposes are like selfmade tools the owner of which alone knows how to use them successfully." — Odic magnetism seems to be an agency of an higher order than electricity. The American spirit generally is possibly open to the secrets of this agency to which as to America itself the advanced future will belong. And you particularly have a mind of the most ready and molecularly dissolving and clearing conception.

I therefore feel justified in believing you to be the very man for the case, and to give my offer.

I believe you to be a true gentleman. You therefore find me ready to trust to your good faith in the matter, and to lay it open to your inspection, after which you will decide if you like working it out with me, to our mutual benefit, giving each of us the credit of his part, and introducing the results in our joint names.

I hope soon to be favored with your reply, and meanwhile I remain

Dear Sir

Yours very truly

H. Haug.

(3)

Bourne
Nov 17th 1878.

Sir

I take the liberty of sending you a drawing of mine for your new light which I think would suit with a few alterations. I saw a piece in one of our papers and it popped in my head that something of this sort would suit for your meter). It will not take much explaining. B the burner. T the tap. S the spring attached to tap. You can have it what size you like, this spring is to go round a break wheel to the higher the tap this turns the wheel the break wheel can go — so

has to give a proper account - on
the face of dial what light
has been burnt,

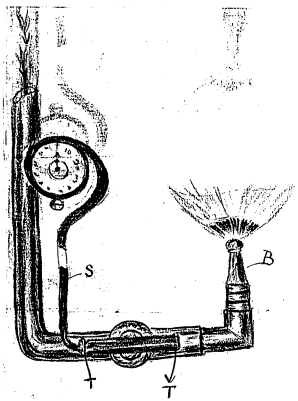
Sir if this should be of any good
to you I shall feel pleased
I am back poor in mind and
pocket I have got five Children
and a heavy rent,

I shou'd feel pleased
if you answer my letter

Your faithfully
John Hinson

Stone Mason
~~South Street~~
Bourne
Lincolnshire
England

Mr Edison



Hamilton Ont
Nov 20 78
H. Sewell
Ans'd Nov 25 78

Hamilton Ont. Canada
November 20th 1878

Mr Thos. A. Edison
Menlo Park
N. J.

Dear Sir

Through experiments I recently discovered a remarkably simple device by which the temperature of any heated substance can be regulated automatically. I think it would be beautifully employed in connection with the "Electric light".

The governor would regulate many lights with a very slight expense. Should you deem it

an article of value to the "Electric lights" I would be pleased to forward you further details relating to it. I have been at the U.S. Patent Office at Washington several times and only a few weeks ago while there I found nothing like the device to which I refer.

With the great multitude I am eagerly awaiting the results of your developements and no one can admire your perseverance more than myself. I am a Machinist, in my 24th year, and have devoted much of my life to experiments and after many hard struggles I have just brought to perfection a "Pop" Safety Valve which my mechanical friends pronounce superior to any thing of the kind now in use. I beg your forbearance for this intrusion upon your valuable moments and in conclusion I must state that in my estimation you are of more value to the world than any Monarch that reigns upon its surface. Wishing you every imaginable success

I am
Yours Very Resp.
Franklin Sewell

Ans Nov 25-78

New York Nov 22nd 1878

Professor Edison

My dear Sir

You will pardon me for taking the liberty of addressing you on some Discoveries and asking for Letters Patent for a device which is admittedly to be a very sure thing by the best authority

I would be most happy if you would spare a few minutes of your valuable time

Appointment hour any day

I will bring my model and explain my plan

Enclose your address that I cannot be wrote with the present I have

I propose to kill
the Sound in the Rail
and brake the Connection
between the brain and
Freedlwark or frame
yours Respectfully

A. Anderson

address American Institute
69 St New yorke
Residence Jonesa
Ontario
Co nearc

P.S. I am No ordinary Inventor
I have Made more Money in the
Treasury than any man in
America for Patent fees
I make this Request from actual
Sense in the Journal that you
have a Knowledge the Report
of Stopping the Noise on the
Elevated Road

Pas de Calais
France Nov 23.78
J. D. E. Huddart
Rec'd

Wierre-au-bois
Samer
Pas-de-Calais
France
23rd Nov 1878

Dear Sir

Many thanks for your prompt reply.

I should be surprised if you found that anything had been attempted really on the same principle as my method, prior to my patents; as by this time it could scarcely have failed

have been worked out results of which we should all have heard.

With regard to English patents I may affirm with tolerable certainty that I was the first in the field, as I searched the patent records for more than twenty years back before I obtained provisional protection.

I have some further suggestions to make in the event of your definitely deciding that you will attempt to apply my method.

On the other hand, if you do not elect to undertake its application may I ask you to be good enough to return the documents connected therewith. —

Very truly yours
J. W. E. Huddart

T. A. Edison Esq.

Exeter Engd
Nov 29/78
C Halford Thompson
Rcvd Dec 10 78

9, Colleton Crescent,
Exeter.
26. Nov 78.

Professor Silvanus P. Thompson.

Dear Sir.

Excuse my troubling you with a few lines.

Is it possible to invent an atmospheric engine of sufficient power to generate electricity enough for ordinary household use.?

It happens to me that we plot usefully in introducing electric lighting for household use would be necessary if the motive power in an inexpensive form could be put on the premises

but anything in the shape of a steam engine would be too much trouble to look after, and too expensive

We are greatly interested in the success of your invention here in Toronto, for the mere success of it has come just in time to enable us to expect a most satisfactory payment purchase of the Gas Works here for a down list, for first of 300000

Yours faithfully

C. Alfred Thompson
Capt. Lab RA

Fellow of the Statistical Society

Gouraud
Nov 25-76
Suggestion on the phone
Ans'd Nov 27/76

Thos A Edison Esq

Dear Sir

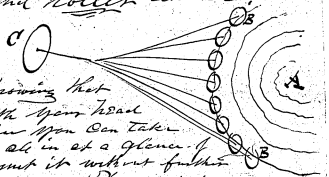
With your diaphragm. You cut out of a circle of vibrations a round portion of a certain size. And of course you only get the power from the general circle in proportion to the size of your diaphragm. As a woman cuts out cookies from a flat mass of dough. You only get what your circle will hold. Now if there's power or force enough in one circle to print words on tinfoil "Why don't your diaphragm if made to work at one centre make your lines as heavy an impression?" Then from this heavy impression why can't you work a large or heavy diaphragm and make a big noise?

I will try and illustrate my idea on the other side

Example of Man Talking at A.

The vibrations go from him in a circle and that circle is as strong at one point as at another.

Now instead of using only four square inches of that radius of vibrations — you set a number of diaphragm traps, as at BB — and each one of them are shaken with a certain amt of force. They want their combined power of concentrated into one (Fig C) of the right size and thickness make a corresponding noise and holler like h-l?



Knowing that with your head piece you can take this air in at a glance & submit it without further comment. Please drop me a line and send me your photo if I want to see what kind of cooking ears you have.

Yours Respy

Peter Mien
West Brookfield
Madison Co N.Y.

Peter Mien

Chelsea Nov 26, '78

Prof. Thos. A. Edison

Dear Sir

Being of that class of individuals who have ideas of progression to develope, I desire to acquaint you of my endeavors to produce a Machine, that ought to take its place in the busy haunts of men. I have invented a Machine calcied to be propelled over the ground without fixed rails and without animal power. It may be propelled by Steam or other motive power. It is designed to plow, to transport goods & Merchandise over the common road as well as to convey passengers to any point, & therefore all rails can be done away, at least so far as Steed ones are concerned. With the above enumeration you will at once see the

magnitude of the design, take it for the plant alone, and a subject opens so vast that attention to that alone will serve to supply food for digestion of no ordinary organs. My patent upon it is dated, dated Sept 11, 1877 Numbered 194,956. My object in introducing the subject to you is to solicit aid in the building of my 1st Machine with which I design to show to the people. I have one in process of building in Boston, to be propelled by a Steam Power Engine of 8 horse, ~~power~~ designed to haul a block of Marble over the common road, I have expended what money I possessed, and have at half done. Yet take five hundred dollars more to complete it, and it can be completed in one month; An investigation of it will satisfy you of its merit which I will converse with you as to many points of interest the production of this new departure from the old beaten ruts which through interest have been doing plodding in.

Tis no chimera, to throw into the foreground to entice with, but a solid fine logical as well as original production; the Machine is wanted, is sought after, and the State of Mass. has offered $10,000 reward for a Machine like it, to any one of her citizens, I am a citizen of Mass, its demonstration is now wanted for which demonstration will determine in the minds of the people its many uses, and then like your wonderful Telephone will be valuable.

Hoping that my plea will not be in vain I shall be ready to furnish such proof of my position as will satisfy you of the validity of my statements.

Yours very truly

William G. Clark
#12, 5th St Chelsea
Mass.

Peter Mica
no reply

Mottled Brookfield N Y
Nov 28 79

T. A. Edison Esq

Dear Sir

Your favor of the 27 is at hand - My first letter to you was an Experiment & Sir if you would notice an ordinary Man like myself - Had I thought the device I described would work, I should not have given it away to a stranger & you know I only asked if you could not it would not work.

Seeing that you are inclined to notice other persons ideas I take the liberty of writing again and would say that I fully believe that I can make

2)

A Machine that will talk in a loud voice (an entirely different plan from the one mentioned before)

And now I ask another question What would it be worth? What will you give me for an improvement that will make your Machine talk back, as loud as you talk into it? That you may not consider me a visionary I would say that I have obtained several patents which are now in successful operation (altho the inventor makes no money out of them) And that I am not writing to you for amusement I never yet advanced a mechanical idea on paper

3)

that I could not make work
in a Machine —

What is the price of the cheapest
Machine you make? one
of your first Cylinders and
diaphragm would answer my
purpose for experiment — and
I soon would see it out
myself — The Natives of this place
do not and will not know
what I am at work on
For I am not after Glory —
But the root of all Evil*

An Early reply will greatly
oblige — Yours Sincerely

Peter Mica

* (If it is the root of all Evil I —

am at present walking in an
Extremely angelic path –
which is the reason that I
do not own one of your
best instruments.

PM

Boston, Massachusetts,
Sept. 1878.

Thomas A. Edison, Esq.
Menlo Park, N. J.

Dear Sir

I hope you will pardon the liberty I take in writing to you, but I have conceived some ideas about several things (some I believe they are original with me) that I want to get patented, one of them is this, about a year ago I conceived the idea that a contrivance could be fitted to a gun to catch the contents when it was discharged. You know there are many accidents from guns & other firearms being accidently discharged. I made one of the contrivances according to my idea, and it worked to perfection. It is very simple, and

can be put on the muzzle of a gun or pistol and taken off in a moment. it is small & easy to make. and it will catch the Ball or Shot (which ever the firearm is loaded with) every time, no matter how heavy the gun or pistol is loaded and with one of these fixtures on the muzzle of a gun it is impossible for an accident to happen. I tried it on a gun & pistol both and it works splendid. and the gun was not injured.

I would like to have your opinion about it if you will consider me to give it. I would like to know if you think it would be practical or not. I thought it would be a good safe-guard. they can be made to fit any gun or pistol, and can be carried in the pocket when the gun is in use. if you think it would be practical I would get it patented.

You are so well known as an inventor in this country that I thought I would give you an idea and see what you thought of it and hope you will pardon the liberty I take in writing this to you.

I am a young man and have all that I can do to make a living and if you think it worth anything I will get it Patented and so if you have the time and will do me the favor please let me know what you think of it. and oblige

Yours Respectfully
Ch. R. C. Pratt
Cooper's Bridge
Hampshire Co.
West Va.

Evansville W Va
Nov 30. 78
Geo N Walter
and Dec 2-78

Evansville. W. Va
Nov. 30th 1878
Mr T. A. Edison
Menlo Park N.J.
Dear Sir

Please pardon my
cannotation and allow me
to congratulate you upon
your success as an inventor.

I saw a picture of your
Phonograph in "The Teachers
Guide", a little paper
printed in Mallet Creek, O.
and after reading the outline
of your history I am charmed
with your energy which is
proven by its effects -

I have, for a long time,
been thinking about perpet-
ual motion and the more

I study about it, the more I am convinced that there could be a perpetual motion machine invented —

What do you think about it, or have you ever studyed about it, and do you think it is possible to produce a perpetual motion?

Can you tell me what kind of machinery has been made for this end? or can you tell me where I can find the trial inventions of perpetual motion? I suppose at the Pat. Office of the U. S.

Please answer.

Yours Resp.

Geo. N. Walter.

Springfield Dec. 2
O. T. S.

Mr T. B. Edinson

Dear Sir

I have an invention of an insulator for telegraph wire for to take the place of glass on the poles it is made of paper and is the only perfect non conductor extant and if perfected will facilitate telegraphing on long circuits in wet weather and also reducing the allmost entirely avoid the destruction of the poles by lightning and another great thing is that it is allmost impossible to break them by either shooting or striking them with stones with ordinary care

Rec'd Dec 1.78
C H McCormick
and Rec'd H W

the engine coatings
thousands of dollars
yearly they can be made at
the same costs as glass and
be made perfectly water proof
so they will stand the weather
for years without being injured
thereby I would like to have your
opinion of it for if successful
there would be a fine paying
invention for any company to
start my great trouble is I am
poor and could not introduce
it like you could

Respectfully yours

C. H. McCormick
Springfield
Union Co
New Jersey

Sixth St. cor. Howard
Room 5, Lindell House.
San Francisco Dec 21. 1879

Mr. Edison

Very dear Sir

The notice of Miss Harriet Hosmer's coming invention of a magnet motor, ~~has brought it~~ in the Sunday Chronicle, yesterday, has brought to mind a similar invention of my own, four and a half years ago.

But I had not enough money to get up a suitable machine, nor even to apply for a caveat. I had no friends upon who could assist me, and every one to whom I mentioned the subject discouraged me from going on with it — therefore I was obliged to stop my work on it.

But, though my machine was rough, made with my own hands mostly, and without tools, it did go for a minute or two, several times. Now, Sir, as you are the

Dear Fan Oct 24 78
Mrs Burrell
Oct Dec 11 78

great Inventor of the age, I make bold to speak to you about it. I would very much, if you give you my ideas, for I am sure you can tell at a glance whether it would be practicable or not. If you say it is of no value, I shall be satisfied that you are right. If you think it is of any value, I should like to have you perfect the machine for me.

With your permission I will call and show it to you. Please answer and let me know if you will be likely to be at home about the middle of next week.

Till then I expect to remain in S. F.

Very Respectfully Yours
Mrs. E. J. Burrell

Dec 4. 78

Cairo Ritchie & Wra

Mr T. A. Edison

Dear Sir

Allow me to offer you some ideas on the Thermo-Electric Battery. The plates, Bismuth and Antimony or their equivalent are generally too small. Let the junctions be ample enough to develop no heat.

Also, a Bismuth Cylinder with a rubber of Antimony as a frictional machine.

Yours truly
John Elder

(B-4 55)

Gynon Sch
Walworth Br. Wis.
P.O. Box 155

Mr Thomas A. Edison,
Sir,

In the midst of your engrossing interests, and the great number of communications made to you, it may be trespassing for me to address you, but I feel encouraged to do so, from the fact that some of your expressed opinions which do not accord with those generally received by Scientists seem nearer the truth.

You say you do not hold to their definition of Gravitation, and I would add that their definition of Inertia, does not seem most complete.

The one-sided idea of gravitation and the apparently impossible one, of Inertia, do not satisfy the mind.

we want a constant force, which is both centrifugal, and centripetal, which by its own inherent power, holds matter to its place, and in its motions.

We believe, had we knowledge enough, we could trace back the existing state of matter from effect to cause, till we should come to the first great Cause, the Creator, who made matter, and gave it a power which we call the force of nature, which has wrought out the wonderful effects which we see.

Now — is not this force, a direct emanation from the Divine, and so of the Infinite — the very Force, which you have so wonderfully controlled.

Who are to illustrate any ideas of the action of this force.

Matter when created, was dead. The power given to it, caused chemical action, which in all its variety of manifestations, is only electrical and magnetic.

I would premise, that I use these terms to designate the opposing currents of this force. Magnetic for the western current. Electrical for the northern and southern, and lightning for the flash which comes in sudden and violent equilibrium taking place.

A preponderance of the western current is supposed to increase heat, and a preponderance of the northern and southern to increase cold.

Both magnetism and electricity can be obtained by artificial means which are so powerful as to overcome the natural state of free matter.

It is supposed this force acts on matter in directions corresponding to lines of latitude and longitude.

An electric current is around every atom of matter which same influence extends through our Solar system — all the planets and their satellites, with one exception, moving from west to east.

Is not magnetism visible in the zodiacal light, and electricity in the Aurora Borealis?

Each atom has its north and south pole, and if free, always seeks to lie according to these poles. So, if atoms are disturbed, as in moving the air, they seek again their true place, and the electrical and magnetic forces seek equilibrium. This always produces heat, which is the main fainting result of motion.

If a substance be hard, and a blow struck on it, be violent, and sudden, rapid equilibrium takes place, and the lightning flash is produced, as in striking flint.

Are not the fiery events of the comet, and the flashes in the coke of the steam-vessel produced on this same principle, by the rapid and violent action of the water?

Is not this the governing power of our Solar System?

Do not its magnetism and electricity find equilibrium at its centre, the Sun, and there produce the lightning flash, which is differed in other is called light and heat.

As all the matter of our solar system is inseparably connected, with the force producing this effect, is it strange, that the Solar Spectrum should give indications of matter not known, and cannot that fact be accounted for, without supposing its light to be that of burning matter?

Is there not a force more subtle than air or ether, which brings sound to the ear, and thereby produces a distinctness, which would seem to be a result impossible from waves merely mechanical?

In explanation of this idea, I will copy from some articles which were published in the Chicago Tribune May 9th and 18th 1875 —

I did not in them give my full theory - but applied it to the Phonograph. and Telephone.

"I would ask, can the effect produced by the Phonograph be the result of waves merely mechanical, of either air, or ether?

Permit me to present my ideas in the form of questions, for I do not claim that scientific knowledge, which would authorize me to state as fact, that which has been proved as truth, to my mind.

Does not the metallic point of the phonograph coming in contact with the tin-foil, create an electrical current which envelops the sound in accord with waves of air or ether?

But could the point passing over indentations so small that they cannot be seen by the naked eye, produce, by mere wave motions, vibrations of the disk, which could be heard?

Does not the subtle force of the electrical current produce this effect?

Air, set in motion, causes this force, which is connected with all matter, to act from atom to atom. Sound this force, independent of the motion of the air, or with a

motion of the air too slight to produce audible vibration of the disk, convey sound?

It is stated by Phonograph operators, that when a sentence has been spoken to the Phonograph, a subsequent record may be made over the first, and the two utterances will be reproduced at the same time, although there will exist some confusion and a slight indistinctness.

Can this wonder be solved by adopting the theory proposed?

When the point first passes over the tin-foil an electrical action is established, in passing over it a second time, a second connection is established. In passing over it the third time, when the disk is quiet, and receiving, the point takes up, and converts both sounds at once.

Are not the workings of the Phonograph and Telephone on the same principle.

In the Telephone, we have the intervention of a force, which renders the sound we hear produced at along the Telegraph wire, and causes vibrations of the corresponding disk, equal or nearly equal, to those of the disk to which the person speaks.

As the Telephone, for all distances for which it has been tried, works instantaneously, do waves of air on others carry the sound along the wire? If not, is it not clear that something more subtle and rarefied than the infinite, conveys sound, though in accord with waves of air on others when these exist.

I have used the terms electricity here in its popular sense, which

Geneva, Ills. Dec 4-78
Mrs L. Clark
Monday

applies rather indefinitely to manifestations of this force, unknown.

I present this subject to you because you, more than any practical scientific investigator, seem willing to attempt to prove an idea, rather than be hampered by gathering facts from which you may deduce one.

Therefore, I look to you with the hope that the good angel of motion may be still our unfortunately unfolded.

If you can give thought to this subject, and send me your conclusion with regard to it, I shall consider myself under great obligation.

Through you, a light may shine on science, which shall reveal much that is now shrouded in mystery.

Yours most respectfully
Mrs Lucretia Clark

Dec 4. '78

New York December 5th '78

Honored Sir!

I hope that you will kindly pardon the liberty of addressing you, but having heard that you had your Patent Electric Pen sold in England by some Gentleman residing in America, and being anxious to place a valuable English Patent into the hands of an honest and responsible party I beg the favor of having such a person recommended to me who will treat it honestly and intelligently. Dr Louis Sass of 36th street, has given me his kind permission to use his name as a reference while introducing myself to you as Mr Henry Dormitzer

Inventor of the safety window cleaning chair, patented February 19/78 and August 13/78. I should have taken great pleasure in coming to you, had I not the bad fortune of being a Lady, or to express my self better; had I the good fortune of being a Man! Let — as it is, I have no no other way open, but to write and to hope that you may not consider this act too bold, and that your well known kindness and generosity may assist me in reaching my point. I have I believe a promise of his kind escort to Menlo Park, and knowing the full value of his time I shrink from accepting of such a sacrifice, hoping at the same time that you may not consider it too great a liberty to exact an answer to my letter, which you may rest assured I am delighted by. I beg of you dear Sir, to accept beforehand my heart felt thanks and the expression of my profound esteem and gratitude with which I have the honor to sign myself Yours most respectfully

A. Formiger

27 East 24th street

T. A. Edison Esq
Menlo Park

NY Dec. 7 8
Miss (?) A Dornitzer
Recd Dec 8

P.S. Was it Mr Gaynor that sold your Patent?

S. E.

Rotterdam 7 December 188

T. A. Edison Esq.

Menlo Park N.J.

Dear Sir,

I duly received your favor of the 25th with many thanks for your kind & hopefull answer, hopefull it is for me that my favourite idea the storing up daylight, will be after some time a fait accompli.

I wish you all success in your experiments & formerly I recommend me as your Agent for Holland as soon the business is ready for exploitation, as well as for your correspondent from off this time.

I shall be very glad to answer any information you might wanted either for this or any other business as far as I can do.

In respect my solidity & character

information can be given by every
firm in the trade, or Bankers at Rotterdam.
As I am also Agent for the
Anchor-Line, Mail Steam Ship Comp.y
from Glasgow to Newyork, my name
is also known to the Agents
of said Comp.y Mess.rs Anderson,
Brothers, Newyork.

I think it is not superflous
to give a description of my
person! at an Age of 13 years
I did my entrey in the trade as
youngest Clerk in the firm
Reston & Co. here (Forwarding Agents)
in which firm I was uninterrupted
busy at 22 years after that time
I resolved to begin business for
own acct & I established myself
in 1869 as Forwarding & General
Commission Agent in which I am
still busy up this day, which
I hope is some recommendation. I have
Three only One Child a Daughter married
with an Architect so that I
believe the Knowledge of my
son in law combined with such
of mine in trade &c &c will make
a whole capable for the Agency.

Your answer will much
oblige

Dear Sir, Mess.rs very respectfully

L. Voorrijs

L. Voorrijs
SPEDITION-GESCHÄFT
AGENTUR DAMPFSCHIFFFAHRT.
ROTTERDAM - NEWYORK
VIA GLASGOW.
ROTTERDAM.

Broad St
Fr. Royal Building,
Dec. 9. 75.

Mr. Edison,

Dear Sir – My son C. W. Grant in looking over the illustration of your Harmonic engine in the Scientific Monthly makes the enclosed suggestion, which I hope may be worth the trouble of reading –

Very respectfully Yours,

Wm H. Grant

[ON BACK OF PRECEDING PAGE]

T. A. Edison Esq.

The drawings show the application of an extra set of magnets to the Harmonic Engine. The idea being to utilize the battery power during the inward vibration of the weighted arms. Would it increase the power?

Respectfully.
C. W. Grant

Yonkers Dec. 2nd 1878

Galv. Texas, Dec 15/78.

Mr. Edison, Dr Sir,

Take this letter away from "what-a-is-name", your private-secy. I want you to read it. I want to get acquainted with you. I like used to think you was a crazy man, They in thought I was. Even my dear good old friend, whom I hope you know, Dr. John B. Wood of the Ny, I'm under whom I worked reporting, nearly three years,

Now don't mad this to orbfongery of the reporters: finish reading first. I am professing to do a dangerous, (accidently) feat, viz: leap down perpendicularly from any height up to say, 300 feet. It must be in the clear; nothing intervening, - Nothing would be a mockery, as there is no danger. Only takes a little nerve. Perhaps you'll guess how it can be done. I reckon you know, but don't tell even what (or how) you guess. I want to make some money, and I want an agent, (advertising man, to do work.)

I shall come to Mexico very soon after going north. Shall likely leave here in 3 weeks. After New Years. Would give a heap to know you personally. I think I'll like you. Hope you'll like me. I won't kill me if you don't, as I don't want a seat (don't think I'm ingracious) from you. Don't want to sell Telephones or lights. But I've got another idea, = not the Chapin one = and you can tell me whether there's any sense in it. N.B. I can say this much, i.e. that it is a very strait proposition a man can travel, 100 to 150 miles in day (120 24 hours) without fatigue as at present at 10 miles per day.

But first, do you know of a suitable man for an agent for me, he must have at least $10,000. Be willing to travel through Europe; Paris, Jaudah, &c; Be honest. And altogether wise generally. Next, may I become acquainted with you? May I call upon you. Please answer, but before you do so remember of that terrible answer of the girl that shook her head, and dealt sideways — instead of up and down = thereby breaking her neck and subsequently dying. Shake your head up and down in this instance, to me, at any rate.

Now then my name, keep it to yourself (except Dr Wood only I withdraw the veil and if you don't know him) Keep the other newspaper fiends, one of what I am whom, away from it. After I see them it will be all right.

May I call upon you? I have a wife and two children, both girls. They are sisters. Knowing that you have two also, I hope that they may be entire as healthy as mine are, or until this wondrous God of ours calls us to a better home. I have the honor and the pleasure to subscribe myself, sir, Very respectfully, and hopefully.

Your Obedt Servt, &c, &c,
Sam. C. Benson,
of Calv. Tex, but for several years from & of New York.

P.S. = When we get acquainted, and you & I have had a good laugh over the open mouthed, horror, wonder, fear and relief that many things shall be shown when, for instance, I leapfrog clover-ward from the so-called Brooklyn bridge with nothing intervening between me and even a granite pavement, not even parachute, umbrella, or other balloon thing, no netting, no wings even. I think you'll be pleased to talk a few minutes with me. I hope a great respect as well as admiration and wonder for you. I shall only hope you will respect my.

I've written to the other gentlemen mentioning my more than friend, Dr. W's, name, but have not written to him yet. I wish to surprise him, I think, however, that he will assure you of my ability to perform any undertaking, no matter how seemingly hardhearted that I may attempt. But I'll close. Mout you let me hear from you? I must mind your being a little deaf, I'll understand what you write. Forgive me.

B.

Copenhagen
the 19th December 1878.

Dear Sir!

I take the permission to direct your attention to a dia-electric body the, indian ink' (in Danish called, Tusch' or Tusk' and used for drawing – I think that the proper term in English will be, genuine Chinese ink') of which stuff, on account of its remarkable properties when exposed to the circulation of an electric current. I wish to give you some enlightening instances, though being very deficient, yet they will, however, I am sure, be suffi-cient to give you an overlook over the circumstances of the properties of named stuff, and if you would like to get nearer at them, you will thus have some basis to work upon. – I have found that the men-tioned matter, when used in the form of powder and exposed to the circu-lation of an electric current, presents

a great resistance for the passage of same and under certain circumstances a most variable one. When first put into connection with the circulation of an electric current of great strength, interposing a galvanometer, you will scarcely perceive any deviation of the needle; after some time, however, the ink has been worked up to a high degree of warmth by the strong current, and that alteration of temperature has caused the ink to be greatly reduced in resistance and the deflection of the needle will be perceptible!

The powder may now be termed "preparated", for in want of a strong current's passage the powder might not be workable, I think, in regard to its other property the "change of resistance by pressure" because its composition by means of adheaire matters being else composed of rather pure carbon. When such a "preparated powder" suffers any pressure by hand or otherwise, there will take place a proportionally considerable reduction of its resistance as you easily may experience, when placing the powder under some pressing apparatus.

With the above said, I think, you will be able to conclude the rest, and I therefore will terminate my communication relying upon your skill for further proceedings respecting its fitness for use for microphones and microtasimetres

Awaiting your kind information of your proceedings I sign

Yours

P. Ch. Madsen

Telegraphist

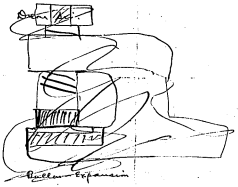
[Verso]

Copenhagen Dec 1898

Address: P Chr Madsen
Aug 2 Jan 5, 99

Central Telegraph Station
Copenhagen
Denmark

I wish you happy new year!



I have found that any finely divided conducting material mounted in a button and placed between two rigid metallic plates that the resistance decreases by reason that the effect of the current is to expand the whole of the button and thus increase the pressure of the surfaces of the button which alone is the active part. Was not your experiment such that the expansion of the wire due to heat caused an increased pressure? Thanking you for calling my attention to the subject I am yours truly, P Chr Madsen

Pine Bluff. Ark.
P O Box 108.
Dec 19th 1898

Mr Edditon
Menlo Park N.J.
Sir.

I wrote you last summer during your absence in Colorado referring to the conversation which you had with a southern Senator during which he asked could you invent a simple cotton picker.

I will not at this moment intrude upon your busy mind on that subject having another invention with regard to which I now particularly crave your valuable advice. It was brought before the public by H. B. McCook and pub-

liked in the Scientific A. M. of March 30th last. page 196 and headed The prevention of explosions in mines &c. &c. I have prepared a plan and specification of a new process showing the way it should be applied and managed, which I will be pleased to lay before you at your earliest convenience.

You will perceive by the perusal of the article in question that Mr. M. C. Cook has very distinctly pointed out many defects in the present way of ventilation and has by many remarks paved the way, as it were, whereby I have been enabled to produce as I think a sure and simple plan by which mines can be successfully rendered non-explosive and be made healthful and safe to the miners.

Sir, I think you will at once concur in the remarks given in the article and see the necessity for a speedy reformation in the ventilation of mines, Should you think it of sufficient importance to give it your attention with me I will divide equally the invention &c. &c. with you.

Hoping to hear from you I beg to remain

Respectfully &c
Wm. Apperly C.E.

NY Dec 17-78
H C Smith
Ans Dec 19 78

New york Dec 17 1878

Mr Edison

Dear Sir

I take the liberty of addressing you a few lines relative to an invention for stopping the noise on those Elevated Rail Roads

I would like to have you see the model and should it prove to be what is needed I

will make it of interest to you to assist me in introducing it

I would like to come and see you and if you will name a day that you can most convenient to yourself to give me a short interview, please answer

yours respectfully,

H. C. Smith.

New York & New Haven
Engine House Cor 46 St. 4th ave
New York City

Dear Sir

I have studied and experimented a good part of the time for about two years and have completed the plans of a machine, which, if a success, will be a most valuable assistant in the success of an electric light — I have very reason. I think, to believe my invention will prove as I expect, having successfully tried the principal parts of its working but I have learned that I cannot be positive until I have it completed. In this I am delayed on account of a lack of funds. This being my situation I thought it not

impudent to say to you, that any assistance you might proffer for the success or production of my invention, will, in event of my theories proving true, be most satisfactorily compensated by the help it must lend to the success of many of your own, especially your electric light — I would also write you the nature of my invention which would probably induce you to produce more of your kind, with which, mine does not in the least interfere. I think that one hundred and twenty-five dollars will be all that I shall require to put my machine in working order which I shall do anyhow, but delays now are very annoying, and a few months time in the production of this would be of much more value to you than the cost of it. Soliciting an early reply I am

Very Respectfully yours
Obdt Servt

Eugene H. Goodman
Natick
Mass

To
Mr. Thomas A. Edison

Dec 19 - 1878

Lewinsville Va
dec 20 -78
Shipman
no reply

Lewinsville, Fairfax Co, Va.
December 20th 1878

Thos A. Edison, Esq.

Dear Sir,

Upon page 231 of Prescott's "Telephone", recently published you have described a magnetic pendulum alarm. Now as I am experimenting with the telephone and am only an amateur, and rather poor at that so that I cannot buy expensive things, I would like to know exactly how that magnetic pendulum alarm is made, (that is, if you have not patented it.) Please be kind enough to tell me what size insulated wire you used in the helices of the

electro-magnet, and how much of the wire; the length of the pendulum most convenient, and how magnetized,— whether by magnetizing the whole pendulum rod or by putting a ~~bar~~ magnet straight across it, thus ⊥ Please give me these particulars if it is not too much trouble to do so. I have tried to make some of these pendulum alarms, but so far not successfully, as they either refuse to ring, or ring so low that one could scarcely hear them at all. Please inform me about how much ~~time~~ time they need work well?

Yours Respy
Andrew J. Shipman

OFFICE OF

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Grand Rapids, Mich. December 29 1878

Thomas A. Edison
Sir

I understand that you are at work on an improved type writer. If so, it will be in the line of our experiments to apply the ~~action of~~ impressing of the types to a matrix from which stereotype plates for printing may be cast. Type setting machines I think to be impracticable because of expense & intricacy. A matrix of paper mache or other substance to retain a uniform impression is the thing. These hints are "generalities for nothing."

Yours for liberal & progressive

E. W. DuBois

GEO. AINSLIE. A. P. COCHRAN. J. W. AINSLIE

Office of

Ainslie, Cochran & Co.,

S. E. COR. MAIN AND TENTH STREETS,

Louisville, Ky. Dec 31st 1878

T. A. Edison Esq
Menlo Park N.J.

Dear Sir

Allow me to thank you for promptness & kind attention to my letter of the 19th. In making the offer of a division in the Royalty I did it with no object to purchase your valuable influence but thinking I might impose on your time which is valuable to you & for such imposition you should be compensated However you are more than kind & should it ever be in my power to be of service to you in or about this locality I will beg of you not to hesitate to use me

Hoping I may soon hear from You

Humbly I remain

Gratefully Yours

John E Norton

(1879)

T. A. Edison Esq.

Dear Sir

Will you do me the favor to give me street & no of Patrick & Carter? you neglected to do so in your letter & much oblige

Yours, Rudy

F. Roubrak

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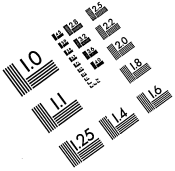

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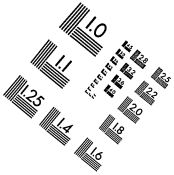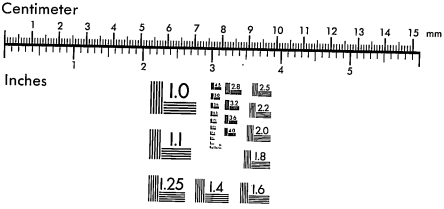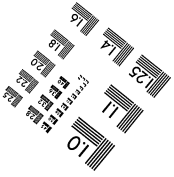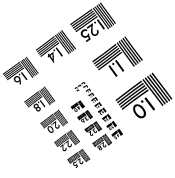
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